

MANUFACTURES—NEW MEXICO.

967

COMBINED AND SPECIFIED INDUSTRIES: 1919.

EXPENSES.									Value added by manu- facture.	POWER.					Electric horse- power generated in estab- lish- ments report- ing.
Salaries and wages.			Rent and taxes.		For materials.		Value of products.	Primary horsepower.				Owned.			Rent- ed. ²
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Total.	Steam engines (not tur- bines).	Steam tur- bines.	Internal com- bus- tion en- gines.	Water pow- er. ¹	Rent- ed. ²		

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

Dollars. 670,609	Dollars. 356,732	Dollars. 6,658,402	Dollars. 385,810	Dollars. 90,599	Dollars. 192,440	Dollars. 5,974,121	Dollars. 1,753,302	Dollars. 17,856,602	Dollars. 10,129,119	17,260	11,187	1,408	920	381	3,364	1,814	1
2,250	4,050	202,045	170	17,232	4,882	158,837	13,629	494,597	322,131	359	-----	91	-----	268	-----	2	
1,800	8,430	122,655	40	14,769	4,065	469,840	21,375	787,779	290,504	94	-----	12	-----	82	-----	3	
3,443	-----	10,272	-----	213	255	20,507	1,042	53,981	32,432	72	72	-----	-----	-----	-----	4	
-----	336	11,051	-----	1,380	253	9,138	752	30,900	21,010	21	-----	21	-----	21	-----	5	
334,513	151,771	3,990,313	-----	28,049	2,253,846	326,227	7,084,710	4,504,646	3,905	2,703	1,200	-----	2	1,193	-----	6	
5,152	1,590	25,626	-----	3,660	2,756	120,306	2,109	198,767	76,202	45	-----	3	-----	45	-----	7	
16,156	7,177	64,551	86	1,963	705	30,983	555	68,120	36,632	5	-----	2	-----	2	-----	8	
11,400	1,283	50,938	-----	720	8,362	1,060,505	31,880	1,324,340	231,945	1,631	490	456	361	324	-----	9	
18,838	5,414	123,999	-----	12,581	19,425	83,911	107,089	463,474	202,411	130,906	67	-----	67	665	104	10	
1,245	22	11,155	2,105	30	167	605	3,637	26,822	277,474	2,259	1,389	185	20	-----	12	13	
101,310	68,518	1,122,887	375,481	390	36,644	625,240	28,208	2,778,436	2,124,858	4,003	3,791	190	22	200	-----	14	
8,850	242	44,454	800	1,205	3,093	98,881	5,965	192,665	87,819	410	165	42	-----	203	-----	14	
5,124	2,535	36,171	-----	3,582	4,000	60,162	6,741	155,551	88,648	167	127	5	-----	35	-----	15	
6,330	1,560	30,578	100	2,636	1,150	28,025	1,573	96,637	67,039	20	-----	20	-----	20	-----	16	
62,354	50,503	258,460	7,028	22,805	8,632	190,279	21,117	803,899	592,503	284	-----	72	-----	212	-----	17	
56,074	39,275	217,456	1,722	20,465	7,263	155,608	18,782	653,479	479,089	261	-----	70	-----	191	-----	18	
6,280	11,228	41,013	5,300	2,340	1,369	34,671	2,335	150,420	113,414	23	-----	2	-----	21	-----	19	
1,250	1,022	22,336	-----	2,520	1,467	48,681	654	90,904	41,599	8	-----	8	-----	8	-----	20	
90,594	51,370	507,637	-----	1,099	2,155	4,607	200	17,655	6,798	1,167,283	3,910	2,450	18	32	1,410	317	22
3,754	64,630	646,006	1,172,046	2,983,935	1,172,046	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	

Furniture, store and office fixtures.....	1	Marble and stone work, monuments and tombstones.....	1	Roofing materials, other than metal.....	1
Gas, illuminating and heating.....	2	Mattresses and spring beds, not elsewhere specified.....	1	Salt.....	1
Jewelry.....	2	Paints.....	1	Wall plaster and composition flooring.....	2
Liquors, cereal beverages.....	1	Paving materials.....	1	Wool scouring.....	1

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

134,581	105,389	1,425,403	3,536	22,707	21,451	1,294,806	142,282	3,449,543	2,022,455	1,744	1,090	-----	-----	654	602	1
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⁴ None reported for one or more other months.

⁵ Same number reported throughout the year.

⁶ Same number reported for one or more other months.

NEW YORK.

GENERAL STATISTICS.

General character of the state.—New York has a gross area of 49,204 square miles, of which 47,654 represent land surface. The inhabitants of the state in 1900 numbered 7,268,894; in 1910, 9,113,614; and in 1920, 10,385,227. In total population New York ranked first among the states in 1920. The number of inhabitants per square mile in 1910 was 191.2, the corresponding figure for 1920 being 217.9.

In 1920 there were 58 cities in the state having more than 10,000 inhabitants. The combined population of these cities in that year was 8,103,046, which formed 78 per cent of the total for New York. Of the total value of the state's manufactured products, 87.5 per cent was reported from 57 of these cities; 1 city, Lackawanna, being omitted to avoid disclosure of individual operations.

Importance and growth of manufactures (Table 1).—The large increases in salaries and wages, cost of materials, and value of products, as presented in Table 1, are largely due to the changes in industrial conditions brought about by the World War, and, therefore, can not properly be used to measure the growth of manufactures during the census period 1914–1919. The increases shown, however, in number of wage earners and horsepower are indicative of a decided growth in the manufacturing activities of the state. The addition of the Federal income tax since 1914 will account for the exceptional increase in "Rent and taxes."

Statistics for the state, by counties (Table 2).—Figures are not available for comparison of the totals for the 62 counties in 1919 with those for prior censuses.

Principal industries, ranked by value of products (Table 3).—The ranking of industries by value of products is not always satisfactory as indicating their importance from a manufacturing standpoint. Their ranking in many instances would change materially if based upon the average number of wage earners or value added by manufacture.

Persons engaged in manufacturing industries (Table 4).—The age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the "Explanation of terms." The classification by sex for 1919 was reported separately, but for 1914 and 1909 was obtained in the same manner as the distribution by age. Figures for individual industries will be found in Table 59.

Average number of wage earners for selected industries (Table 5).—The industries covered by this table

are those which employed more than 4,000 wage earners in 1919, and for which statistics can be shown without the possibility of disclosing the operations of individual establishments.

Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more (Table 6).—General increases from 1914 to 1919 are shown in most of the details for the 57 cities included in this table.

Wage earners, by months (Table 7).—The statistics for wage earners in this table are intended to show the steadiness of employment, or the reverse, in accordance with the industrial conditions existing during the several census years.

Wage earners, by months, for selected industries and for cities (Table 8).—In addition to the number of wage earners employed by months, similar data are given for males and females for all industries combined, and also for each of the 57 cities. The table also shows a number of industries in the state in 1919 which employed a large number of female wage earners. Of the total number of female wage earners in the state, 90.8 per cent were in the 57 cities, while of the male wage earners only 83.9 per cent were reported by the cities.

Prevailing hours of labor (Table 9).—Since 1914 there has been a marked shortening of the working day in New York. In that year 12.9 per cent of the wage earners were included in the group "48 and under," as against 64.4 per cent in 1919. In 1914 the "60" and "Over 60" groups constituted 12.4 per cent of the total wage earners, as compared with 4.9 per cent in 1919.

Size of establishments, by average number of wage earners, for selected industries and for cities (Table 10).—The predominance of the number of small establishments, when based on the number of wage earners employed, is evidenced in this table by the fact that of the total number of establishments in the state, 95.8 per cent were in the several classes having fewer than 101 wage earners, while such establishments employed but 40.9 per cent of the total number of wage earners. On the other hand, the establishments employing an average of more than 100 wage earners represented only 4.2 per cent of the total number of manufacturing establishments in the state, but reported 59.1 per cent of the total number of wage earners.

Size of establishments, by value of products (Table 11).—At the censuses of 1909 and 1914, establishments with products valued at "\$100,000 to \$1,000,000" con-

MANUFACTURES—NEW YORK.

stituted one group, but at the census of 1919 this group was subdivided into "\$100,000 to \$500,000" and "\$500,000 to \$1,000,000." Separate figures for the number of establishments and value of products have been compiled, however, from the returns for 1914. The table, therefore, gives combined figures for these two groups for all items for 1909, and for the average number of wage earners and value added by manufacture for 1914.

Size of establishments, by value of products, for selected industries (Table 12).—In the preparation of this table it was necessary in several instances to combine establishments of one group of the industry with those of some other group of that industry to avoid the possibility of disclosing the operations of individual establishments.

Size of establishments, by value of products, for cities of 10,000 inhabitants or more (Table 13).—This table strikingly illustrates the fact that the number of establishments of itself is no real index of manufacturing activities.

Character of ownership (Table 14).—The preponderance of corporate ownership is clearly brought out in this table. Although corporations owned but 29.2 per cent of the number of establishments in the state in 1919, they reported 76 per cent of the average number of wage earners and 73.8 per cent of the total value of products. During the five-year period 1914 to 1919 the average number of wage earners in corporations increased 234,851, or 33.6 per cent, and the value of products \$3,931,055,656, or 150.2 per cent.

Manufactures, by population groups, in cities of 10,000 inhabitants or more (Table 15).—This table shows that the combined number of establishments in the 57 cities in 1919 represented 84.8 per cent of the total in the state. They reported in that year 85.9 per cent of the average number of wage earners

and 87.6 per cent of value of products. These proportions do not differ materially from those of 1914.

Principal industries in each of the five boroughs comprising Greater New York (Manhattan, Queens, Brooklyn, Bronx, and Richmond) and for the cities of Albany, Binghamton, Buffalo, Niagara Falls, Rochester, Schenectady, Syracuse, Troy, Utica, and Yonkers (Table 16).—This table shows the principal industries in the five boroughs comprising Greater New York, and the 10 cities having 50,000 inhabitants or more in 1920, for which figures can be shown without disclosing the operations of individual establishments. The names of a number of important industries are also given for which figures can not be shown without the possibility of disclosing the operations of individual establishments.

Number and horsepower of types of prime movers (Table 17).—The total horsepower reported in 1919 as compared with that for 1914 shows an increase of 579,875 horsepower, or 24.6 per cent. This increase, however, is chiefly due to the gain of 500,882 horsepower, or 73.7 per cent, in rented power. The owned power increased 78,993 horsepower, or 4.7 per cent, during the five-year period.

Fuel consumed (Table 18).—This table shows the principal kinds of fuel used by the manufacturing plants in the state in 1919 and 1914 and gives separately for 1919 the amounts consumed by a number of important industries which use considerable quantities of fuel. In 1919 six industries combined, bread and other bakery products; cars and general shop construction and repairs by steam-railroad companies; gas, illuminating and heating; paper and wood pulp; petroleum, refining; and sugar, refining, not including beet sugar, consumed 50.3 per cent of the anthracite coal; iron and steel, blast furnaces, consumed 78.2 per cent of the coke; and 74.2 per cent of the fuel oils was used by the gas industry.

TABLE 1.—COMPARATIVE SUMMARY: 1919, 1914, 1909, 1904, AND 1899.

	MANUFACTURING INDUSTRIES.					PER CENT OF INCREASE.			
	1919	1914	1909	1904	1899	1914-1919	1909-1914	1904-1909	1899-1904
Number of establishments.....	49,330	48,203	44,035	37,194	35,957	2.3	7.3	20.8	3.4
Persons engaged.....									
Proprietors and firm members.....	1,524,761	1,280,098	1,203,241	996,725	(1)	18.3	7.1	20.7	.....
Salaried employees.....	49,484	48,636	47,560	41,766	(1)	1.7	2.2	13.9	.....
Wage earners (average number).....	217,147	182,605	151,691	98,012	68,030	35.3	20.4	54.8	44.1
Primary horsepower.....	1,228,130	1,057,857	1,003,981	856,947	726,900	16.1	5.4	17.2	17.9
Capital.....	\$6,012,082,567	\$3,334,277,528	\$2,779,496,814	\$2,081,459,515	\$1,523,502,651	24.6	18.0	31.7	37.9
Salaries and wages.....									
Salaries.....	1,971,754,707	873,770,946	743,202,909	541,160,026	414,063,700	125.7	17.6	37.3	30.7
Wages.....	513,547,903	242,728,935	186,032,070	111,145,175	76,740,115	111.6	30.5	67.4	44.8
Paid for contract work.....	1,458,206,804	631,042,011	557,230,839	430,014,851	337,323,585	131.1	13.2	29.6	27.5
Rent and taxes.....	211,490,532	71,968,120	69,562,602	52,784,741	(1)	193.9	3.5	31.8	.....
Cost of materials.....	316,487,814	103,590,609	75,518,760	2,32,318,897	(1)	205.6	37.1	.....	.....
Value of products.....	4,943,213,919	2,108,607,361	1,856,904,342	1,348,603,286	1,018,377,186	134.4	13.6	37.7	32.4
Value added by manufacture ¹	8,867,004,906	3,814,061,114	3,369,490,102	2,488,345,579	1,871,830,872	132.4	13.2	35.4	32.9
	3,928,700,987	1,706,053,753	1,512,585,850	1,130,742,293	853,453,686	130.0	12.8	32.7	33.5

¹ Figures not available.² Exclusive of internal revenue.³ Value of products less cost of materials.

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TABLE 2.—STATISTICS FOR THE STATE, BY COUNTIES: 1919.

COUNTY.	Number of estab- lish- ments.	WAGE EARNERS.		Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.	Primary horse- power.
		Average number.	Wages.					
The state.....	49,330	1,228,130	\$1,458,206,804	\$316,487,814	\$1,943,213,919	\$8,867,004,906	\$3,923,790,987	2,936,530
Albany.....	577	22,667	22,865,486	4,558,365	45,121,768	92,535,173	47,413,405	54,504
Allegany.....	150	1,462	1,408,598	176,097	6,703,526	10,258,750	3,553,224	5,461
Bronx.....	1,370	20,036	23,658,433	5,925,092	56,801,805	114,975,501	58,173,696	41,796
Broome.....	316	20,027	23,407,802	4,720,394	88,194,616	134,906,153	46,711,537	25,897
Cattaraugus.....	278	8,883	9,432,580	1,131,644	47,056,581	65,935,774	18,879,193	23,599
Cayuga.....	245	7,520	7,182,084	1,008,887	25,155,012	42,417,600	17,262,588	22,093
Chautauqua.....	463	17,000	15,416,174	3,945,270	50,740,273	95,340,353	44,600,080	44,714
Chemung.....	177	9,793	10,898,229	1,022,051	18,873,863	42,877,330	24,003,467	23,383
Chenango.....	226	2,593	2,116,556	363,733	12,785,285	18,937,204	6,152,009	8,748
Clinton.....	100	2,093	2,083,920	551,214	7,510,039	12,839,580	5,320,541	26,778
Columbia.....	179	4,762	4,560,692	776,350	14,290,288	25,208,572	10,918,284	25,439
Cortland.....	117	3,961	3,890,237	898,933	10,607,751	19,196,486	8,498,735	11,810
Dalaware.....	188	1,864	1,613,852	164,532	8,703,289	12,466,985	3,763,696	5,490
Dutchess.....	297	9,842	9,087,735	1,690,104	25,031,418	50,771,181	25,739,703	25,642
Erie.....	2,453	94,051	124,182,583	25,313,482	489,428,757	772,004,056	282,575,299	560,208
Essex.....	80	1,520	1,687,716	289,616	5,457,043	9,830,752	4,373,709	19,924
Franklin.....	93	2,227	2,298,174	199,731	7,975,439	12,700,483	4,725,044	16,786
Fulton.....	377	9,101	8,328,125	1,538,875	35,682,032	59,978,811	24,290,779	13,740
Genesee.....	107	3,600	3,557,226	943,121	12,425,599	23,962,265	11,530,966	13,093
Greene.....	132	1,264	1,198,196	160,224	2,806,115	3,154,880	2,348,745	18,905
Hamilton.....	13	78	85,754	1,952	71,654	244,580	172,926	.033
Herkimer.....	212	14,603	15,326,459	2,507,416	37,259,981	69,249,236	31,050,255	34,744
Jefferson.....	267	7,860	8,673,200	1,655,438	29,876,469	50,238,995	20,362,526	81,542
Kings.....	6,738	106,724	201,232,510	55,060,955	670,470,696	1,184,973,144	514,502,448	270,998
Lewis.....	155	1,334	1,758,562	258,301	8,617,030	12,426,248	3,803,318	29,348
Livingston.....	117	2,237	2,055,230	776,449	6,763,179	13,779,090	7,015,911	7,663
Madison.....	138	3,503	3,523,005	892,786	9,507,457	18,736,419	9,138,992	10,864
Monroe.....	1,536	67,553	73,331,824	10,862,550	180,498,442	376,414,571	195,016,120	105,464
Montgomery.....	213	13,168	11,745,371	2,369,451	43,995,270	71,889,311	27,894,041	25,808
Nassau.....	314	3,100	3,567,496	284,730	12,230,446	20,702,108	8,531,662	7,338
New York.....	22,981	386,907	502,012,139	114,489,127	1,883,471,312	3,525,574,539	1,642,103,197	271,561
Niagara.....	460	22,582	27,997,816	5,072,504	90,479,954	151,531,806	64,051,912	113,258
Oneida.....	686	20,370	30,142,790	5,806,747	89,904,757	155,493,452	65,503,695	82,502
Onondaga.....	861	37,372	43,956,653	10,300,557	96,306,814	197,884,282	101,577,408	101,137
Ontario.....	162	4,213	4,402,847	830,756	11,311,362	21,841,715	10,530,353	11,179
Orange.....	344	16,035	17,676,752	2,121,615	38,404,800	72,756,107	34,351,307	27,451
Orleans.....	155	1,835	1,513,078	311,230	5,543,851	9,570,013	4,026,162	6,273
Oswego.....	245	6,631	9,597,709	1,302,278	37,140,606	57,597,552	20,456,886	50,007
Otsego.....	146	2,809	2,782,788	108,201	9,934,077	14,779,098	4,845,021	6,194
Putnam.....	24	211	227,065	14,406	392,935	846,681	453,746	484
Queens.....	1,249	47,222	54,282,704	11,256,216	195,230,293	331,285,294	136,055,001	97,211
Rensselaer.....	347	19,772	16,329,768	2,836,066	46,479,489	95,478,912	43,990,423	34,538
Richmond.....	252	17,830	21,606,665	2,651,684	55,501,982	103,899,099	48,397,117	37,011
Rockland.....	148	4,412	4,812,463	953,595	10,631,545	23,733,753	13,102,208	19,039
St. Lawrence.....	276	6,534	7,456,404	1,176,000	47,712,785	63,937,364	16,221,579	74,312
Saratoga.....	176	7,364	7,681,667	1,830,974	24,802,338	43,953,521	19,151,183	94,199
Schenectady.....	149	21,376	28,603,637	4,780,313	46,279,611	107,551,189	61,271,578	114,535
Schoharie.....	67	596	488,412	40,133	2,073,164	2,983,751	910,587	5,597
Schuyler.....	30	897	897,965	153,367	2,400,011	4,914,069	2,513,758	2,134
Seneca.....	76	1,970	2,002,783	338,140	3,716,159	8,463,345	4,747,186	4,684
Steuben.....	306	8,018	8,575,489	1,733,500	15,579,436	33,507,000	17,927,024	10,532
Suffolk.....	210	2,624	2,081,204	401,156	5,136,019	12,098,107	7,802,088	6,628
Sullivan.....	147	551	443,909	35,418	1,501,772	2,604,280	1,102,508	3,310
Tioga.....	83	818	633,659	86,308	4,689,100	6,183,696	1,494,587	3,806
Tompkins.....	114	3,003	3,139,055	1,032,998	7,416,216	15,731,143	8,314,927	9,033
Ulster.....	290	6,498	6,030,602	945,856	15,384,028	28,402,619	13,107,691	20,197
Warren.....	117	3,916	3,123,628	515,006	8,493,565	15,744,988	7,251,423	30,337
Washington.....	107	4,019	4,793,567	988,437	10,994,130	20,459,659	9,465,520	48,522
Wayne.....	483	3,167	2,895,562	797,918	11,610,860	19,521,145	7,901,285	8,936
Westchester.....	825	27,988	31,190,318	6,157,016	176,512,971	248,305,554	71,732,583	61,157
Wyoming.....	117	3,120	2,767,581	658,013	9,317,516	15,675,220	6,357,704	7,324
Yates.....	66	574	465,588	100,276	1,967,539	3,688,542	1,721,003	4,920

MANUFACTURES—NEW YORK.

TABLE 3.—PRINCIPAL INDUSTRIES, RANKED BY VALUE OF PRODUCTS: 1919.

INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANU- FACTURE.		INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANU- FACTURE.	
		Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.			Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.
All industries.....	40,330	1,228,130	100.0	\$8,867,005	100.0	\$3,923,791	100.0	Structural ironwork, not made in steel works or rolling mills.	301	4,872	0.4	\$27,425	0.3	\$13,877	0.4
Clothing, women's.....	5,288	102,652	8.4	886,984	10.0	393,555	10.0	Lapidary work.....	71	4,823	0.1	27,032	0.3	9,256	0.2
Clothing, men's.....	2,537	62,008	5.0	544,054	6.1	265,438	6.8	Paper goods, not elsewhere specified.....	95	4,017	0.3	26,877	0.3	10,800	0.3
Sugar, refining, not including beet sugar.....	5	6,289	0.5	268,318	3.0	23,010	0.6	Bags, other than paper, not including bags made in tex- tile mills.....	56	1,508	0.1	26,822	0.3	5,568	0.1
Slaughtering and meat packing.....	130	6,646	0.5	256,038	2.9	25,990	0.7	Gloves and mittens, leather.....	210	5,510	0.5	26,703	0.3	12,196	0.3
Printing and publishing, news- papers and periodicals.....	1,582	23,164	1.9	252,109	2.8	100,307	4.3	Cheese.....	598	1,002	0.1	26,540	0.3	3,180	0.1
Foundry and machine-shop products.....	1,325	56,609	4.6	251,688	2.8	157,153	4.0	Canning and preserving, fruits and vegetables.....	515	4,835	0.4	26,535	0.3	10,228	0.3
Bread and other bakery prod- ucts.....	3,897	28,541	2.3	233,207	2.6	96,036	2.4	Perfumery and cosmetics.....	170	2,462	0.2	25,490	0.3	13,325	0.3
Knit goods.....	682	41,372	3.4	195,377	2.2	80,411	2.0	House-furnishing goods, not elsewhere specified.....	185	2,771	0.2	25,467	0.3	7,452	0.2
Boots and shoes, not including rubber boots and shoes.....	340	34,710	2.8	190,476	2.1	82,312	2.1	Automobile repairing.....	909	6,197	0.5	25,310	0.3	14,927	0.4
Electrical machinery, appara- tus, and supplies.....	255	37,598	3.1	179,973	2.0	100,133	2.7	Pickles, preserves, and sauces.....	107	2,714	0.2	25,007	0.3	8,744	0.2
Millinery and lace goods, not elsewhere specified.....	1,890	28,096	2.3	165,718	1.9	78,593	2.0	Iron and steel forgings, not made in steel works or roll- ing mills.....	30	4,081	0.3	23,514	0.3	12,097	0.3
Tobacco, cigars and cigarettes.....	2,163	21,095	1.7	163,105	1.8	94,043	2.4	Varnishes.....	51	1,037	0.1	22,114	0.2	9,747	0.2
Flour-mill and gristmill prod- ucts.....	710	3,012	0.2	155,272	1.8	19,038	0.5	Hats and caps, other than felt, straw, and wool.....	349	3,514	0.3	22,028	0.2	10,060	0.3
Printing and publishing, book and job.....	2,530	26,096	2.1	149,124	1.7	103,697	2.6	Copper, tin, and sheet-iron work.....	647	3,847	0.3	21,831	0.2	11,475	0.3
Automobiles.....	28	14,794	1.2	140,722	1.6	39,478	1.0	Instruments, professional and scientific.....	132	5,497	0.4	21,165	0.2	14,747	0.4
Fur goods.....	218	8,890	0.7	134,219	1.5	50,401	1.3	Worsted goods.....	14	4,464	0.4	21,111	0.2	6,694	0.2
Paper and wood pulp.....	156	17,571	1.4	129,381	1.5	52,427	1.3	Typewriters and supplies.....	36	5,400	0.4	20,986	0.2	13,733	0.3
Confectionery and ice cream.....	930	15,615	1.3	110,069	1.2	47,614	1.2	Agricultural implements.....	40	4,626	0.4	20,421	0.2	10,482	0.3
Shipbuilding, steel.....	28	25,987	2.1	103,461	1.2	72,167	1.8	Optical goods.....	101	6,130	0.5	20,090	0.2	14,885	0.4
Furniture.....	685	22,062	1.8	100,785	1.1	55,062	1.4	Steam fittings and steam and hot-water heating apparatus.....	36	5,114	0.4	19,931	0.2	11,040	0.3
Iron and steel, steel works and rolling mills.....	30	17,901	1.5	100,503	1.1	45,776	1.2	Hats, fur-felt.....	42	4,058	0.3	19,888	0.2	9,097	0.2
Liquors, malt.....	101	6,814	0.6	99,497	1.1	78,544	2.0	Buttons.....	243	6,508	0.5	18,698	0.2	11,216	0.3
Leather, tanned, curried, and finished.....	94	7,056	0.6	98,095	1.1	27,608	0.7	Lumber and timber products.....	849	5,494	0.4	18,415	0.2	10,948	0.3
Shirts.....	334	12,136	1.0	97,852	1.1	37,456	1.0	Druggists' preparations.....	98	2,210	0.2	18,000	0.2	9,379	0.2
Condensed milk.....	100	3,730	0.3	91,910	1.0	13,456	0.3	Woolen goods.....	25	3,348	0.3	17,516	0.2	6,734	0.2
Photographic materials.....	47	11,616	0.9	89,664	1.0	54,589	1.4	Hat and cap materials.....	86	1,731	0.1	16,731	0.2	6,042	0.2
Chemicals.....	88	9,687	0.8	88,102	1.0	37,230	0.9	Corsets.....	74	3,882	0.3	16,604	0.2	8,052	0.2
Cars and general shop construc- tion and repairs by steam- railroad companies.....	136	30,427	2.5	82,791	0.9	48,090	1.2	Phonographs and graphophones.....	32	1,876	0.2	16,552	0.2	7,499	0.2
Silk goods.....	181	13,342	1.1	81,683	0.9	35,292	0.9	Hardware.....	100	3,977	0.3	15,648	0.2	8,574	0.2
Food preparations, not else- where specified.....	372	4,546	0.4	77,836	0.9	25,166	0.6	Plated ware.....	21	3,048	0.3	15,077	0.2	8,861	0.2
Automobile bodies and parts.....	316	15,689	1.3	70,415	0.8	35,862	0.9	Smelting and refining, not from the ore.....	11	186	(1)	14,762	0.2	2,084	0.1
Gas, illuminating and heating.....	96	8,409	0.7	69,339	0.8	28,109	0.7	Dairymen's, poultrymen's, and apiculturists' supplies.....	34	2,450	0.2	14,700	0.2	8,170	0.2
Jewelry.....	717	5,511	0.5	67,401	0.8	27,796	0.7	Toys and games.....	102	3,625	0.3	14,685	0.2	7,861	0.2
Brass, bronze, and copper products.....	213	10,746	0.9	66,562	0.7	26,597	0.7	Boxes, wooden packing, except cigar boxes.....	102	2,772	0.2	14,052	0.2	6,300	0.2
Patent medicines and com- pounds.....	403	4,546	0.4	57,958	0.7	33,317	0.8	Chewing gum.....	15	1,007	0.1	14,497	0.2	6,927	0.2
Coffee and spice, roasting and grinding.....	111	1,950	0.2	57,123	0.6	6,854	0.2	Cars and general shop construc- tion and repairs by electric- railroad companies.....	53	5,656	0.5	14,369	0.2	8,007	0.2
Furnishing goods, men's.....	256	5,961	0.5	53,261	0.6	20,021	0.5	Feathers and plumes.....	191	3,200	0.3	14,311	0.2	7,950	0.2
Boxes, paper and other, not elsewhere specified.....	387	14,509	1.2	53,164	0.6	30,440	0.8	Bags, paper, exclusive of those made in paper mills.....	23	1,289	0.1	14,072	0.2	4,020	0.1
Iron and steel, blast furnaces.....	9	2,210	0.2	51,602	0.6	11,291	0.3	Cutlery and edge tools.....	60	4,407	0.4	14,052	0.2	9,778	0.2
Soap.....	56	4,189	0.3	50,844	0.6	13,060	0.3	Trunks and valises.....	158	1,960	0.2	13,977	0.2	6,310	0.2
Lumber, planing-mill prod- ucts, not including planing mills connected with saw- mills.....	515	8,455	0.7	49,441	0.6	21,085	0.5	Hats, straw.....	79	2,593	0.2	13,912	0.2	6,065	0.2
Cotton goods.....	37	9,222	0.8	49,076	0.6	20,973	0.5	Musical instruments, piano and organ materials.....	36	4,141	0.3	13,569	0.2	7,100	0.2
Carpets and rugs, other than rag.....	10	9,073	0.7	48,718	0.5	25,279	0.6	Marble and stone work.....	436	2,610	0.2	13,509	0.2	7,529	0.2
Collars and cuffs, men's.....	31	10,920	0.9	46,489	0.5	27,649	0.7	Mattresses and spring beds, not elsewhere specified.....	224	1,036	0.1	13,473	0.2	5,575	0.1
Coal-tar products.....	46	3,758	0.3	45,792	0.5	31,409	0.8	Ice, manufactured.....	132	2,138	0.2	13,300	0.1	9,431	0.2
Dyeing and finishing textiles, exclusive of that done in textile mills.....	133	6,076	0.5	44,694	0.5	20,515	0.5	Glass.....	19	3,929	0.3	12,996	0.1	8,951	0.2
Paints.....	97	2,835	0.2	44,130	0.5	10,878	0.4	Stationery goods, not elsewhere specified.....	77	2,354	0.2	12,048	0.1	5,878	0.1
Tinware, not elsewhere speci- fied.....	75	6,880	0.6	43,813	0.5	13,008	0.3	Artificial flowers.....	157	3,031	0.2	12,380	0.1	6,947	0.2
Musical instruments, pianos.....	79	6,908	0.6	37,979	0.4	15,939	0.4	Furs, dressed.....	83	2,521	0.2	11,888	0.1	7,989	0.2
Oil, linseed.....	6	582	(1)	35,595	0.4	6,208	0.2	Mineral and soda waters.....	430	1,707	0.1	11,881	0.1	5,651	0.1
Stamped and enameled ware, not elsewhere specified.....	74	8,059	0.7	34,709	0.4	19,486	0.5	Gas and electric fixtures.....	105	2,977	0.2	11,785	0.1	6,904	0.2
Rubber tires, tubes, and rub- ber goods, not elsewhere specified.....	40	5,370	0.4	33,033	0.4	16,100	0.4	Pocketbooks.....	93	1,842	0.2	11,106	0.1	5,175	0.1
Fancy articles, not elsewhere specified.....	345	5,943	0.5	30,949	0.3	14,504	0.4	Umbrellas and canes.....	125	927	0.1	11,098	0.1	3,781	0.1
Chocolate and cocoa products.....	14	2,311	0.2	30,863	0.3	8,123	0.2	Ink, printing.....	38	687	0.1	11,076	0.1	5,344	0.1
Lithographing.....	136	6,675	0.5	30,544	0.3	10,843	0.5	Tools, not elsewhere specified.....	181	3,004	0.2	10,818	0.1	6,989	0.2
Leather goods, not elsewhere specified.....	244	4,410	0.4	30,322	0.3	13,088	0.3	Felt goods.....	10	1,401	0.1	10,096	0.1	4,182	0.1
Engines, steam, gas, and water- shipbuilding, wooden, includ- ing boat building.....	31	4,528	0.4	29,822	0.3	19,720	0.5	Suspenders, garters, and elastic woven goods.....	80	1,238	0.1	10,618	0.1	3,363	0.1
Bookbinding and blank-book making.....	133	7,308	0.6	28,551	0.3	18,290	0.5	Airplanes, seaplanes, and air- ships, and parts.....	123	3,350	(1)	10,558	0.1	1,655	(1)
Cordage and twine.....	307	8,513	0.7	27,893	0.3	18,099	0.5	Surgical appliances.....	10	2,073	0.2	10,314	0.1	5,101	0.1
	20	3,918	0.3	27,644	0.3	10,037	0.3	Babbitt metal and solder.....	74	1,652	0.1	10,210	0.1	4,974	0.1
								Photo-engraving.....	34	687	0.1	10,212	0.1	2,326	0.1
								Blacking, stains, and dressings. Wirework, including wire rope and cable, not elsewhere specified.....	41	928	0.1	10,180	0.1	4,745	0.1
								Sausage, not made in slaughter- ing and meat-packing estab- lishments.....	116	1,854	0.2	9,992	0.1	5,067	0.1
									61	457	(1)	9,844	0.1	8,834	0.2
									157	513	(1)	9,688	0.1	2,176	0.1

¹ Less than one-tenth of 1 per cent.

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TABLE 5.—AVERAGE NUMBER OF WAGE EARNERS FOR SELECTED INDUSTRIES, WITH PER CENT, BY SEX AND AGE: 1919 AND 1914.

INDUSTRY.	Cen-sus year.	Wage earners (average number).	PER CENT OF TOTAL.			INDUSTRY.	Cen-sus year.	Wage earners (average number).	PER CENT OF TOTAL.		
			16 years of age and over		Un-der 16 years of age.				16 years of age and over		Un-der 16 years of age.
			Male.	Fe-male.	Male.	Fe-male.			Male.	Fe-male.	Male.
All industries.....	1919	1,228,130	71.1	28.4	0.5						
	1914	1,057,857	70.0	29.2	0.8						
	1909	1,003,981	70.0	29.2	0.8						
Agricultural implements.....	1919	4,626	97.4	2.6	0.1						
	1914	5,392	98.7	1.3	0.1						
Automobile bodies and parts.....	1919	15,689	94.7	5.2	0.1						
	1914	6,340	98.2	1.6	0.2						
Automobiles.....	1919	14,704	96.9	3.1	(1)						
	1914	5,782	99.8	0.2	(1)						
Automobile repairing.....	1919	6,197	99.4	0.6	(1)						
	1914	4,310	99.8	0.1	0.1						
Bookbinding and blank-book making.....	1919	8,513	49.3	49.6	1.1						
	1914	8,772	51.7	46.7	1.6						
Boots and shoes, not including rubber boots and shoes.....	1919	34,710	68.3	30.5	1.2						
	1914	26,193	66.1	32.3	1.6						
Boxes, paper and other, not elsewhere specified.....	1919	14,509	42.7	55.9	1.4						
	1914	14,192	42.2	55.3	2.6						
Brass, bronze, and copper products.....	1919	10,746	87.5	12.1	0.4						
	1914	6,627	93.1	6.7	0.2						
Bread and other bakery products.....	1919	28,541	74.5	25.2	0.3						
	1914	27,002	80.0	19.5	0.5						
Buttons.....	1919	6,568	52.4	46.7	1.0						
	1914	5,223	55.3	43.3	1.4						
Canning and preserving, fruits and vegetables.....	1919	4,835	51.5	47.2	1.3						
	1914	6,439	43.3	56.1	0.6						
Carpets and rugs, other than rag.....	1919	9,073	62.8	36.8	0.4						
	1914	12,540	54.3	45.1	0.7						
Cars and general shop construction and repairs by electric-railroad companies.....	1919	5,656	98.9	1.1							
	1914	4,921	99.5	0.4	0.1						
Cars and general shop construction and repairs by steam-railroad companies.....	1919	30,427	99.1	0.9							
	1914	20,234	100.0	(1)	(1)						
Chemicals.....	1919	9,687	93.5	6.5	0.1						
	1914	7,780	97.7	2.2	0.1						
Clothing, men's.....	1919	62,008	64.4	35.8	0.3						
	1914	64,927	63.6	35.9	0.5						
Clothing, women's.....	1919	102,652	38.3	61.2	0.5						
	1914	103,393	40.7	58.9	0.3						
Collars and cuffs, men's.....	1919	10,920	22.2	77.7	0.1						
	1914	9,793	25.3	74.5	0.3						
Confectionery and ice cream ^a	1919	16,622	47.1	52.5	0.4						
	1914	12,140	44.2	54.5	1.3						
Cotton goods.....	1919	9,222	60.2	39.1	0.7						
	1914	7,800	56.6	41.7	1.7						
Cutlery and edge tools.....	1919	4,467	77.1	22.3	0.6						
	1914	3,700	81.3	14.2	1.0						
Dyeing and finishing textiles, exclusive of that done in textile mills.....	1919	6,076	68.4	31.3	0.2						
	1914	5,514	69.9	29.6	0.5						
Electrical machinery, apparatus, and supplies.....	1919	37,598	80.8	18.6	0.5						
	1914	23,738	87.1	12.6	0.4						
Engines, steam, gas, and water.....	1919	4,528	98.8	1.1	(1)						
	1914	1,973	99.8	0.2							
Fancy articles, not elsewhere specified.....	1919	5,943	44.8	51.6	3.7						
	1914	2,929	44.5	52.6	2.9						
Firearms ^a	1919	4,040	86.3	13.7	0.1						
Food preparations, not elsewhere specified.....	1919	4,546	69.4	30.3	0.2						
	1914	4,031	67.6	31.9	0.5						
Foundry and machine-shop products ^a	1919	59,125	95.6	4.2	0.2						
	1914	40,781	98.1	1.8	0.2						
Fur goods.....	1919	8,890	74.9	24.8	0.3						
	1914	5,601	71.5	28.2	0.3						
Furnishing goods, men's.....	1919	5,901	30.1	69.4	0.5						
	1914	6,553	27.2	71.7	1.1						
Furniture.....	1919	22,062	93.0	6.6	0.4						
	1914	21,497	96.6	3.0	0.4						
Gas, illuminating and heating.....	1919	8,400	99.2	0.8	.....					
	1914	10,090	99.9	0.1	.....					
Gloves and mittens, leather.....	1919	5,510	49.2	50.0	0.8						
	1914	6,020	47.1	52.3	0.6						
Hats, fur-felt.....	1919	4,088	63.0	35.2	0.8						
	1914	3,563	70.4	29.4	0.1						
Instruments, professional and scientific.....	1919	5,497	76.2	22.6	1.2						
	1914	2,243	79.0	17.6	2.5						
All other industries.....											

¹ Less than one-tenth of 1 per cent.² Includes "chewing gum."³ Not shown separately in 1914.⁴ Includes "iron and steel, tempering and welding"; "machine tools"; and "textile machinery and parts."

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TABLE 6.—AVERAGE NUMBER OF WAGE EARNERS, BY SEX AND AGE, AND VALUE OF PRODUCTS FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

CITY. ¹	AVERAGE NUMBER OF WAGE EARNERS IN MANUFACTURING INDUSTRIES.												VALUE OF PRODUCTS.		
	Total.			16 years of age and over.						Under 16 years of age.					
				Male.			Female.								
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
Albany.....	11,216	9,371	9,801	7,750	6,402	6,962	3,285	2,931	2,832	181	38	67	\$45,454,955	\$25,211,390	\$22,825,702
Amsterdam.....	10,713	10,774	10,284	5,619	5,713	5,553	4,978	4,920	4,587	116	141	144	52,851,242	22,474,691	22,449,057
Auburn.....	7,272	5,769	6,497	5,200	4,086	4,899	2,026	1,669	1,520	46	14	78	40,642,435	16,685,249	15,961,022
Batavia.....	2,226	2,457	2,007	1,840	2,123	1,710	334	327	283	2	7	14	9,414,705	5,339,782	4,400,774
Beacon.....	2,162	1,808	.....	1,483	1,144	.....	671	635	.....	8	27	.....	9,650,394	3,510,574	.....
Binghamton.....	7,477	7,248	6,823	4,320	4,160	3,923	3,007	2,983	2,859	60	105	41	40,637,625	18,350,516	17,114,214
Buffalo.....	75,899	54,416	51,412	64,403	45,957	43,385	11,068	7,709	7,445	428	690	582	634,409,733	247,510,476	218,303,994
Cohoes.....	5,013	5,781	8,127	2,775	3,271	3,852	2,205	2,488	4,071	33	22	204	21,551,429	11,705,461	13,517,920
Corning.....	3,517	2,203	2,074	3,001	1,831	1,821	508	370	249	8	2	4	10,774,091	3,954,226	3,050,410
Cortland.....	3,013	2,459	2,356	2,390	2,069	2,070	504	390	285	29	.....	1	14,902,884	6,437,059	6,394,024
Dunkirk.....	4,319	2,989	2,756	3,684	2,564	2,547	614	408	183	21	17	26	28,028,067	8,366,767	6,555,664
Elmira.....	8,024	4,870	3,647	6,638	3,969	2,790	1,363	887	835	23	14	22	33,494,164	12,597,024	8,067,208
Fulton.....	3,627	3,042	2,799	2,705	2,008	1,830	922	985	932	49	28	23,096,499	9,571,962	7,807,114	
Geneva.....	2,428	1,692	1,526	1,830	1,218	1,193	595	463	319	3	11	14	10,219,321	5,240,062	5,153,925
Glen Falls.....	2,784	2,532	2,774	1,371	1,318	1,326	1,411	1,209	1,445	2	5	3	11,503,066	6,535,019	4,876,786
Gloversville.....	5,612	5,335	5,741	3,735	3,124	3,571	1,807	2,181	2,095	70	30	75	38,913,000	13,384,213	14,170,682
Herkimer.....	1,370	.....	.....	1,254	.....	.....	115	.....	.....	1	.....	.....	3,932,645	.....	.....
Hornell.....	1,851	2,285	2,183	1,248	1,511	1,694	606	580	482	.....	194	7	7,339,419	4,847,504	3,647,680
Hudson.....	1,481	1,423	1,302	1,052	890	806	426	526	470	3	7	26	7,514,330	3,736,941	3,506,504
Iion.....	5,215	.....	.....	4,187	.....	.....	1,028	.....	.....	.....	.....	.....	13,702,047	.....	.....
Ithaca.....	1,690	815	873	1,394	746	772	268	65	98	33	4	3	9,934,693	2,243,892	1,919,968
Jamestown.....	8,559	7,794	6,789	6,437	6,182	5,513	2,049	1,529	1,181	73	83	95	37,985,306	17,961,429	14,720,240
Johnstown.....	2,664	2,532	2,589	1,668	1,676	1,719	906	844	821	35	12	49	17,502,938	6,788,636	6,573,528
Kingston.....	3,903	8,076	8,281	2,140	1,609	1,896	1,723	1,383	1,270	40	84	115	15,837,451	6,445,455	5,985,738
Little Falls.....	8,688	8,823	4,211	2,635	2,548	2,493	1,040	1,266	1,693	13	9	25	24,851,536	9,927,246	8,400,408
Lockport.....	4,074	2,381	2,138	3,434	1,856	1,740	688	512	394	2	13	4	29,302,597	8,954,931	8,168,460
Middletown.....	2,162	1,980	1,733	1,488	1,391	1,269	666	573	459	8	25	5	9,803,344	4,442,792	4,658,240
Mount Vernon.....	2,746	1,346	1,207	1,607	1,004	985	1,138	336	218	1	6	4	12,003,417	3,167,173	3,376,415
New Rochelle.....	1,203	870	735	944	687	625	332	182	95	17	1	15	4,400,301	1,730,198	1,668,724
New York city.....	638,775	585,279	553,923	424,558	384,861	366,255	211,377	196,144	183,922	2,840	4,274	3,746	5,200,707,577	2,292,831,663	2,027,425,288
Bronx borough.....	20,036	19,387	14,540	14,003	14,707	9,210	5,952	4,300	5,246	81	320	84	114,975,501	55,708,792	42,900,554
Brooklyn borough.....	166,724	140,881	123,895	119,876	88,331	87,964	46,024	41,267	34,849	824	1,283	1,082	1,184,973,144	515,302,755	418,541,272
Manhattan borough.....	386,907	385,902	384,858	238,203	239,437	243,631	147,116	144,111	139,005	1,588	2,354	2,222	3,525,574,539	1,519,143,429	1,384,794,615
Queens borough.....	47,222	31,630	24,194	35,812	25,810	19,810	11,083	5,526	4,063	327	294	321	331,283,294	104,789,481	151,487,959
Richmond borough.....	17,880	7,479	6,430	16,664	6,612	5,640	1,202	840	759	20	27	37	103,899,099	34,887,236	20,700,888
Newburgh.....	5,389	4,318	4,198	3,748	2,820	2,688	1,610	1,478	1,403	22	11	17	29,872,407	9,986,564	8,650,846
Niagara Falls.....	12,238	9,390	6,089	10,738	8,205	5,212	1,436	1,160	853	64	25	24	89,247,170	44,816,608	28,681,913
North Tonawanda.....	4,366	3,574	2,824	3,613	2,955	2,423	719	582	373	34	36	28	25,400,603	10,040,356	9,599,770
Ogdensburg.....	757	898	1,259	422	524	811	330	367	405	5	7	43	5,154,923	3,401,045	4,947,976
Olean.....	4,669	2,633	2,250	4,192	2,548	2,092	471	74	135	6	11	32	32,121,169	11,577,282	10,005,443
Oneida.....	1,207	.....	.....	1,046	.....	.....	161	.....	.....	5	.....	.....	5,403,164	.....	.....
Oneonta.....	1,657	1,337	.....	1,218	1,123	.....	434	214	.....	2	.....	.....	5,628,739	2,372,506	.....
Ossining.....	387	373	356	260	268	262	116	101	92	11	4	2	2,301,450	1,120,081	1,328,925
Oswego.....	4,470	4,331	3,817	3,179	3,062	2,649	1,216	1,203	1,141	75	66	27	25,211,643	12,650,095	10,412,888
Peekskill.....	2,066	1,781	2,063	1,542	1,395	1,596	519	382	460	5	4	7	10,623,628	8,301,092	7,940,355
Plattsburgh.....	787	822	1,040	575	728	713	212	88	336	6	11	28	4,015,151	1,883,867	3,137,523
Port Chester.....	2,685	2,278	2,122	1,811	1,507	1,483	867	760	611	7	11	28	17,130,079	6,741,228	6,243,051
Port Jervis.....	2,003	2,729	2,268	1,566	2,052	2,155	1,755	1,615	1,088	22	62	25	8,242,515	.....	.....
Poughkeepsie.....	5,935	4,729	3,268	4,158	4,052	2,155	1,755	1,615	1,088	200	278	2	9,800,098	2,755,418	2,290,089
Rensselaer.....	1,363	811	763	990	600	481	371	200	1,088	2	2	4	9,800,098	2,755,418	2,290,089
Rochester.....	63,792	44,113	39,108	44,348	30,136	26,717	18,838	13,240	11,977	606	737	414	351,416,379	140,696,682	112,676,215
Rome.....	4,428	3,037	3,633	3,780	3,305	3,113	640	621	437	8	11	33	34,808,489	16,730,078	14,423,387
Saratoga Springs.....	855	809	833	449	520	490	385	325	322	21	15	21	4,083,058	2,883,451	2,336,579
Schenectady.....	21,062	17,707	14,931	18,336	16,064	13,150	2,628	1,600	1,737	98	43	35	106,581,182	48,762,807	38,164,090
Syracuse.....	28,153	17,551	18,148	23,187	13,801	14,565	4,810	3,469	3,373	156	191	210	150,001,278	52,168,940	49,434,615
Tonawanda.....	1,833	.....	.....	1,672	.....	.....	161	.....	.....	.....	.....	.....	14,463,577	.....	.....
Troy.....	15,929	17,421	20,102	6,477	8,297	8,642	9,213	9,031	11,391	239	93	99	74,837,435	39,029,850	39,292,783
Utica.....	16,423	12,714	13,153	10,011	7,484	7,716	6,276	4,993	5,200	136	237	237	77,745,720	30,490,235	31,199,261
Watertown.....	3,014	3,148	3,201	3,220	2,616	2,834	688	529	421	6	3	36	19,037,081	9,234,272	8,527,416
Watervliet.....	1,600	750	753	1,131	443	455	454	310	272	15	6	26	8,502,664	1,611,501	1,668,579
White Plains.....	329	316	249	243	271	246	85	44	3	1	1	1	1,753,392	990,166	815,789
Yonkers.....	11,032	12,650	12,711	8,129	8,200	8,304	3,626	4,381	4,364	177	3	43	140,016,561	67,222,673	59,333,865

1 Excludes Lackawanna, to avoid disclosure of individual operations.

TABLE 7.—WAGE EARNERS, BY MONTHS: 1919, 1914, AND 1909.

MANUFACTURES—NEW YORK.

TABLE 8.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

[The month of maximum employment for each industry is indicated by bold-faced figures and that of minimum employment by *italic* figures.]

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Percent minimum of maximum.	
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.		
All industries.....	1,228,130	1,170,210	1,182,270	1,187,865	1,194,824	1,186,957	1,191,670	1,228,077	1,200,502	1,272,811	1,260,413	1,281,700	1,311,087	82.9	
Males.....	870,650	<i>844,478</i>	846,137	850,310	854,065	846,589	852,368	870,980	903,196	908,190	892,869	908,145	933,824	90.4	
Females.....	351,450	<i>331,738</i>	336,142	337,555	340,759	330,311	348,088	357,390	364,621	367,544	373,615	377,263	377,263	88.7	
Agricultural implements.....	4,626	4,971	5,341	5,247	5,118	4,908	4,520	4,477	4,103	4,023	5,779	4,134	4,801	70.8	
Automobile bodies and parts.....	15,689	15,169	15,491	15,528	16,302	14,866	14,237	15,347	15,345	16,130	16,725	16,400	16,722	85.1	
Automobiles.....	14,794	12,076	12,777	12,072	13,510	14,441	15,571	15,980	16,385	16,291	16,464	15,505	15,276	77.0	
Automobile repairing.....	6,197	6,652	5,705	5,934	6,103	6,273	6,360	6,431	6,528	6,454	6,496	6,280	6,242	85.0	
Bookbinding and blank-book making.....	8,513	8,906	8,304	8,477	8,410	8,363	8,445	8,504	8,666	8,638	8,421	8,642	8,800	94.4	
Boots and shoes, not including rubber boots and shoes.....	34,710	32,691	33,324	30,758	32,065	33,558	34,657	35,987	36,627	36,747	36,671	36,631	36,804	83.6	
Boxes, paper and other, not elsewhere specified.....	14,509	13,941	14,010	13,901	14,286	14,101	14,012	15,088	14,525	13,002	14,885	15,777	15,830	82.5	
Brass, bronze, and copper products.....	10,746	10,887	10,568	10,339	10,329	10,258	9,615	8,245	10,527	11,344	11,969	12,352	12,619	95.9	
Bread and other bakery products.....	28,641	<i>28,169</i>	27,072	28,125	28,077	28,074	28,411	28,615	28,588	28,027	28,907	29,449	29,418	95.0	
Buttons.....	6,568	<i>6,037</i>	6,301	6,310	6,304	6,367	6,463	6,758	7,000	6,774	6,860	7,010	6,617	86.0	
Canning and preserving, fruits and vegetables.....	4,835	1,062	<i>958</i>	903	1,246	1,716	3,489	8,314	8,455	10,677	10,668	7,419	3,053	9.0	
Carpets and rugs, other than rag.....	9,073	7,397	7,767	8,105	8,532	8,769	8,958	9,245	9,406	9,616	10,013	10,427	10,581	69.9	
Cars and general shop construction and repairs by electric-railroad companies.....	5,656	<i>5,517</i>	5,563	5,006	5,085	5,718	5,643	5,699	5,611	5,749	5,807	5,681	5,593	95.0	
Cars and general shop construction and repairs by steam-railroad companies.....	30,427	29,979	30,556	30,020	29,630	29,516	29,418	29,006	30,204	30,802	31,103	31,595	32,215	91.3	
Chemicals.....	9,087	<i>11,461</i>	10,829	9,995	9,405	8,926	8,920	9,015	9,152	9,356	9,647	9,705	9,773	77.8	
Clothing, men's.....	62,008	<i>60,349</i>	51,115	55,036	58,440	58,062	59,050	63,380	65,861	68,223	71,035	72,858	74,107	62.5	
Clothing, women's.....	102,652	91,618	95,073	90,894	99,908	91,637	92,504	105,506	113,241	116,428	112,345	106,760	106,930	78.6	
Collars and cuffs, men's.....	10,920	<i>10,081</i>	10,175	10,467	10,874	11,083	10,823	11,155	10,943	11,352	11,174	11,477	11,436	87.8	
Confectionery and ice cream.....	15,615	14,923	15,333	15,721	15,772	14,796	14,308	14,850	15,622	16,340	16,730	16,451	16,444	86.1	
Cotton goods.....	9,222	9,709	9,132	8,842	9,074	9,173	9,333	9,772	9,886	8,391	8,822	8,402	10,038	88.6	
Cutlery and edge tools.....	4,467	4,051	4,443	4,480	4,428	4,399	4,038	4,270	4,269	4,617	4,715	4,878	5,017	80.7	
Dyeing and finishing textiles, exclusive of that done in textile mills.....	6,076	5,726	<i>5,612</i>	5,673	5,671	5,633	5,705	6,235	6,302	6,446	6,448	6,547	6,734	83.3	
Electrical machinery, apparatus, and supplies.....	37,598	39,068	37,946	36,923	38,282	36,040	35,580	35,914	36,290	37,175	38,630	40,036	41,333	86.0	
Engines, steam, gas, and water.....	4,528	6,338	6,533	5,490	4,504	3,972	3,642	3,434	3,450	3,532	3,780	4,495	4,421	73.1	
Fancy articles, not elsewhere specified.....	5,043	4,750	4,879	5,447	5,870	5,914	6,049	6,187	6,379	6,497	6,448	6,421	4,278	4,443	75.8
Firearms.....	4,049	3,988	4,431	4,081	3,746	3,038	3,801	3,871	4,305	4,299	4,299	4,278	4,278	4,278	4,278
Food preparations, not elsewhere specified.....	4,540	<i>4,235</i>	4,259	4,334	4,386	4,396	4,301	4,037	4,705	4,778	4,887	4,815	4,720	86.7	
Foundry and machine-shop products.....	56,609	50,806	54,909	54,798	54,659	52,745	51,302	53,000	56,710	58,603	59,222	61,032	63,795	80.4	
Fur goods.....	8,890	<i>6,588</i>	6,981	8,156	7,954	8,185	9,160	9,548	9,839	10,280	10,361	10,244	9,604	81.5	
Furnishing goods, men's.....	5,061	5,708	5,013	5,946	5,692	5,571	5,595	5,837	5,970	5,994	6,302	6,529	6,477	85.3	
Furniture.....	22,062	20,189	20,310	20,790	20,910	21,708	20,184	21,005	22,715	22,509	24,062	24,880	25,416	70.3	
Gas, illuminating and heating.....	8,409	8,636	8,351	8,336	8,389	8,614	8,425	8,500	8,420	8,076	8,238	8,583	8,440	93.5	
Gloves and mittens, leather.....	5,510	<i>4,908</i>	5,092	5,167	5,250	5,389	5,574	5,660	5,785	5,695	5,833	5,833	5,929	82.8	
Hats, fur-felt.....	4,088	3,571	3,771	3,845	3,301	3,583	3,893	4,354	4,442	3,998	4,631	4,805	4,862	87.9	
Instruments, professional and scientific.....	5,497	6,334	6,101	5,456	5,358	5,317	5,305	5,249	5,222	5,287	5,335	5,488	5,412	82.4	
Iron and steel, steel works and rolling mills.....	17,901	22,502	18,201	17,897	17,722	16,710	17,217	18,291	18,686	18,499	18,591	16,287	19,309	59.6	
Iron and steel forgings, not made in steel works or rolling mills.....															
Jewelry.....	4,081	<i>4,162</i>	4,009	4,013	3,970	3,900	8,898	3,979	4,066	4,142	4,135	4,274	4,424	88.1	
Knit goods.....	5,511	5,234	5,521	5,768	5,957	6,035	6,137	6,269	6,326	5,717	4,403	4,600	4,600	65.8	
Leather goods, not elsewhere specified.....	41,372	40,941	39,042	<i>37,408</i>	38,880	40,248	39,741	41,427	42,812	42,140	43,070	44,281	45,567	73.3	
Leather, tanned, curried, and finished.....	4,410	3,830	3,832	3,875	4,000	4,239	4,473	4,632	4,600	5,067	5,120	5,029	74.6		
Liquors, malt.....	7,056	6,307	<i>2,980</i>	6,252	6,358	6,545	6,933	7,335	7,538	7,004	7,755	7,980	8,026	74.5	
Lithographing.....	6,814	6,375	6,406	6,335	6,570	6,654	7,347	7,541	7,452	7,219	7,083	6,553	6,233	82.7	
Lumber and timber products.....	6,675	6,403	6,285	6,412	6,510	6,500	6,703	6,816	6,826	6,983	6,640	6,738	7,218	87.1	
Lumber, planing-mill products, not including planing mills connected with sawmills.....	5,494	5,080	6,171	5,175	5,021	5,348	5,423	5,969	5,286	5,723	6,115	6,308	6,309	78.8	
Millinery and lace goods, not elsewhere specified.....	8,455	<i>7,096</i>	7,187	7,340	7,682	8,105	8,508	8,762	9,032	9,230	9,293	9,577	9,650	73.5	
Musical instruments, pianos.....	28,056	27,922	28,843	29,320	28,332	27,261	27,203	28,588	30,039	29,861	25,824	25,815	28,134	85.9	
Musical instruments, piano and organ materials.....	6,908	7,220	7,510	7,734	7,817	7,707	7,924	8,048	8,048	8,050	8,822	4,021	5,040	47.5	
Optical goods.....	4,141	<i>3,426</i>	3,753	3,979	4,308	4,324	4,342	4,616	4,669	4,549	3,803	3,756	4,107	73.4	
Paper and wood pulp.....	6,130	<i>6,658</i>	6,658	6,049	6,155	6,135	6,071	6,135	6,013	5,922	5,873	5,988	6,096	87.1	
Paper goods, not elsewhere specified.....	17,571	17,551	17,190	17,270	16,788	<i>16,412</i>	16,466	16,796	17,283	18,318	18,008	18,051	19,219	85.4	
Patinet medicines and compounds.....	4,017	3,913	3,768	3,780	3,775	3,746	3,813	4,165	4,216	4,221	4,257	4,240	4,372	84.8	
Photographic materials.....	4,546	5,008	5,125	4,906	4,693	4,387	4,231	4,122	4,168	4,263	4,446	4,598	4,515	80.4	
Printing and publishing, book and job.....	11,616	<i>10,055</i>	10,367	10,747	11,294	11,399	11,557	12,174	12,418	12,151	12,227	12,379	12,624	70.6	
Printing and publishing, newspapers and periodicals.....	28,096	25,854	26,342	26,435	26,604	26,781	26,866	27,058	27,512	27,844	27,154	22,100	28,582	74.0	
Rubber tires, tubes, and rubber goods, not elsewhere specified.....	23,164	22,529	22,667	23,507	23,378	23,412	23,228	23,659	23,947	24,068	21,904	21,031	24,338	87.5	
Shipbuilding, steel.....	5,370	<i>4,776</i>	4,958	4,774	5,019	5,115	5,441	5,387	5,389	5,027	5,673	6,018	6,263	76.2	
Shipbuilding, wooden, including boat building.....	25,937	<i>31,875</i>	30,639	30,075	28,884	27,902	27,017	27,062	26,415	21,845	18,244	20,605	22,281	57.2	
Shirts.....	7,308	7,967	8,068	8,310	8,418	7,641	7,490	6,970	6,680	7,106	6,188	6,077	6,775	72.2	
Silk goods.....	12,136	11,575	11,778	11,304	11,066	11,909	12,100	<i>10,584</i>	11,119	12,234	13,204	14,415	17,20		
Slaughtering and meat packing.....	13,342	12,675	12,751	<i>12,652</i>	12										

MANUFACTURES—NEW YORK.

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TABLE 8.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919—Continued.

[The month of maximum employment for each industry is indicated by bold-faced figures and that of minimum employment by italic figures.]

INDUSTRY AND CITY.	Aver-age number em-ployed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.											Per cent mini-mum-of maxi-mum.	
		Janu-ary.	Febru-ary.	March.	April.	May.	June.	July.	August.	Septem-ber.	Octo-ber.	Novem-ber.	Decem-ber.	
<i>Industries showing large proportion of females.</i>														
Bookbinding and blank-book making.	4,262	4,267	4,234	4,291	4,170	4,225	4,230	4,248	4,361	4,244	4,207	4,307	4,304	95.8
Boots and shoes, not including rubber boots and shoes.	10,740	10,173	10,344	9,682	9,874	10,291	10,676	11,078	11,473	11,532	11,375	11,167	11,215	84.0
Boxes, paper and other, not elsewhere specified.	8,239	7,822	7,981	7,932	8,190	8,211	8,308	8,615	8,155	7,348	8,402	8,968	8,936	81.9
Bread and other bakery products.	7,224	7,479	7,332	7,385	7,109	7,014	7,253	7,356	7,212	7,068	7,126	7,257	7,097	93.8
Buttons.	3,104	2,896	3,015	3,012	2,990	3,022	3,100	3,262	3,249	3,144	3,182	3,295	3,081	87.9
Canning and preserving, fruits and vegetables.	2,310	204	142	98	143	349	1,368	3,716	4,266	5,370	6,070	4,073	1,426	1.5
Carpets and rugs, other than rag.	3,350	2,716	2,822	3,007	3,120	3,212	3,267	3,405	3,543	3,574	3,732	3,894	3,908	69.5
Clothing, men's.	22,012	17,859	18,977	19,720	20,437	20,516	20,879	21,944	22,735	23,892	24,939	25,749	26,497	67.4
Clothing, women's.	63,250	56,572	66,321	59,373	62,044	62,048	62,526	64,399	67,028	69,722	68,100	65,034	65,835	80.8
Confectionery and ice cream.	8,159	8,250	8,358	8,666	8,487	7,435	6,719	7,093	7,725	8,272	8,997	8,399	9,007	74.6
Cotton goods.	3,628	3,934	3,713	3,581	3,023	3,062	3,029	3,778	3,891	3,229	3,451	5,208	3,887	81.5
Electrical machinery, apparatus, and supplies.	7,059	7,558	7,038	6,648	6,324	6,152	6,215	6,447	6,755	7,212	7,750	8,160	8,449	72.8
Fancy articles, not elsewhere specified.	3,157	2,387	2,467	2,830	3,072	3,092	3,193	3,316	3,403	3,497	3,567	3,597	3,403	66.4
Fur goods.	2,215	1,710	1,763	2,001	1,945	1,969	2,188	2,274	2,382	2,632	2,668	2,516	64.1	
Furnishing goods, men's.	4,162	3,966	4,114	4,100	3,904	3,845	3,861	4,088	4,154	4,235	4,458	4,614	4,605	83.3
Gloves and mittens, leather.	2,764	2,526	2,590	2,623	2,655	2,701	2,794	2,810	2,879	2,857	2,870	2,914	2,943	85.8
Knit goods.	26,882	26,809	26,661	24,048	26,503	26,163	25,527	26,594	27,525	27,270	27,749	28,915	29,220	84.4
Millinery and lace goods, not elsewhere specified.	20,333	19,922	20,003	21,008	20,475	19,764	19,593	20,415	21,372	21,552	19,343	19,912	20,637	89.6
Patent medicines and compounds.	2,437	2,892	2,866	2,698	2,574	2,330	2,219	2,125	2,104	2,237	2,345	2,415	2,379	73.5
Photographic materials.	3,580	3,229	3,296	3,407	3,526	3,513	3,520	3,783	3,816	3,708	3,702	3,727	3,832	84.3
Printing and publishing, book and job printing and publishing, newspapers and periodicals.	5,152	5,141	5,339	5,255	5,263	5,246	5,213	5,201	5,225	5,313	4,5/3	4,682	5,403	84.1
Shirts.	4,196	4,147	4,181	4,455	4,321	4,271	4,049	4,406	4,300	4,229	3,897	3,868	4,288	86.1
Silk goods.	9,129	8,749	8,945	8,552	8,780	8,901	9,043	7,585	8,467	9,292	9,856	10,296	10,809	72.7
Tobacco, cigars and cigarettes.	7,970	7,627	7,733	7,686	7,621	7,827	7,875	8,106	8,169	7,904	8,104	8,415	8,673	87.5
Woolen and worsted goods.	11,788	14,450	13,923	13,910	13,583	13,278	11,196	7,675	7,969	8,407	9,428	13,953	13,684	53.1
Total for cities ¹ .	1,055,002	1,014,146	1,020,498	1,025,543	1,032,436	1,020,047	1,022,472	1,050,939	1,080,383	1,088,274	1,070,913	1,098,037	1,129,436	89.8
Males.	735,931	708,216	713,921	717,383	720,309	709,841	713,827	730,353	757,481	760,345	746,574	760,485	785,937	90.1
Females.	319,071	305,930	300,527	308,160	312,127	311,106	308,645	314,086	322,902	327,929	330,330	337,552	343,499	89.1
ALBANY.	11,216	10,924	10,889	10,803	11,010	11,001	11,121	11,121	11,121	11,121	11,574	11,835	12,153	88.9
Males.	7,773	7,643	7,661	7,611	7,731	7,724	7,812	7,723	7,572	7,931	8,143	8,324	9,01	
Females.	3,443	3,381	3,300	3,278	3,301	3,279	3,277	3,309	3,487	3,540	3,643	3,602	3,829	85.6
AMSTERDAM.	10,713	10,083	10,095	10,341	9,981	10,510	10,484	10,731	10,805	11,141	11,490	10,950	11,945	83.6
Males.	5,659	4,970	4,944	5,151	5,143	5,513	5,703	5,798	5,915	5,992	6,211	6,069	6,490	76.2
Females.	5,054	5,104	5,151	5,190	4,833	4,997	4,781	4,983	4,890	5,149	5,279	4,881	5,455	87.6
AUBURN.	7,272	7,651	7,098	7,546	7,486	7,101	7,093	7,207	6,883	7,005	7,048	7,088	7,308	89.4
Males.	5,226	5,532	5,614	5,468	5,405	5,103	5,063	5,243	4,823	4,928	4,983	5,103	5,387	85.9
Females.	2,046	2,119	2,084	2,078	2,021	1,998	2,020	2,054	2,060	2,077	2,065	1,985	1,981	93.5
BATAVIA.	2,226	2,188	2,391	2,463	2,421	2,360	2,260	2,214	2,274	2,168	1,909	1,892	2,172	76.8
Males.	1,842	1,825	2,016	2,078	2,008	1,962	1,875	1,833	1,800	1,810	1,533	1,520	1,766	73.6
Females.	384	363	375	385	413	398	385	381	414	349	376	363	406	84.3
BEACON.	2,162	1,911	2,015	2,012	2,178	2,319	2,328	2,351	2,466	2,328	1,805	2,070	2,161	73.2
Males.	1,489	1,269	1,368	1,364	1,504	1,620	1,630	1,650	1,717	1,614	1,217	1,423	1,492	70.9
Females.	673	642	647	648	674	699	698	701	749	714	588	647	669	78.5
BINGHAMTON.	7,477	7,293	7,280	7,274	7,177	7,100	7,106	6,714	7,158	7,746	8,120	8,313	8,443	79.5
Males.	4,364	4,081	4,116	4,122	4,067	4,080	4,123	4,182	4,382	4,533	4,759	4,915	5,008	81.0
Females.	3,113	3,104	3,152	3,120	3,011	2,983	2,632	2,776	3,213	3,361	3,398	3,434	3,737	
BUFFALO.	75,899	74,216	72,380	71,075	71,526	72,003	74,181	76,676	78,842	79,164	78,534	80,219	82,022	86.7
Males.	64,662	63,062	61,373	60,287	60,763	61,218	63,433	65,590	67,537	67,666	66,908	68,148	69,929	86.2
Females.	11,237	11,154	11,007	10,788	10,763	10,785	10,098	11,086	11,305	11,488	11,026	12,071	12,093	88.5
COHOES.	5,013	4,709	3,820	3,887	3,045	4,271	4,926	5,416	5,582	5,993	6,028	5,528	6,042	63.4
Males.	2,797	2,533	2,104	2,291	2,214	2,432	2,708	2,896	2,917	3,354	3,375	3,201	3,449	
Females.	2,216	2,176	1,635	1,596	1,781	1,839	2,218	2,520	2,686	2,639	2,653	2,327	2,593	59.9
CORNING.	3,517	3,639	3,672	3,711	3,555	3,291	3,370	2,285	3,513	3,056	3,761	3,828	3,923	58.2
Males.	3,007	3,108	3,138	3,190	3,084	2,930	2,903	1,945	2,996	3,097	3,219	3,262	3,332	58.4
Females.	510	581	534	521	491	461	467	540	517	559	542	566	591	57.5
CORTLAND.	3,013	2,813	2,830	2,814	2,823	2,865	2,880	3,013	3,394	3,038	3,183	3,223	3,331	82.9
Males.	2,419	2,298	2,282	2,299	2,286	2,324	2,316	2,422	2,627	2,447	2,583	2,542	2,632	86.2
Females.	594	515	548	545	537	541	514	591	787	591	600	681	699	67.0
DUNKIRK.	4,319	5,408	4,877	4,832	4,554	4,284	3,501	3,934	4,363	3,959	3,910	4,184	4,072	64.7
Males.	3,688	4,760	4,213	4,179	3,921	3,685	2,912	3,332	3,747	3,321	3,273	3,475	3,438	61.2
Females.	631	648	664	653	599	589	602	616	638	637	659	634	634	88.7
ELMIRA.	8,024	9,060	8,814	8,590	8,694	6,828	6,802	7,512	7,364	7,799	8,151	8,357	8,218	75.4
Males.	6,651	7,622	7,411	7,232	7,416	5,570	5,607	6,170	5,995	6,393	6,710	6,877	6,809	73.1
Females.	1,373	1,438	1,403	1,367	1,278	1,253	1,285	1,342	1,369	1,406	1,441	1,480	1,409	85.0
FULTON.	3,027	2,716	2,012	3,178	3,724	3,312	3,637	3,861	3,886	4,027	4,185	4,181	4,205	62.1
Males.	2,705	2,183	2,091	2,448	2,814	2,464	2,631	2,763	2,827	2,937	3,064	3,124	3,164	66.1
Females.	922	583	581	730	910	848	1,006	1,098	1,059	1,090	1,121	1,057	1,041	46.5
GENEVA.	2,428	2,310	2											

MANUFACTURES—NEW YORK.

TABLE 8.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919—Continued.

[The month of maximum employment for each industry is indicated by bold-faced figures and that of minimum employment by *italic* figures.]

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Percent minimum of maximum.
		Janu-	Febru-	March.	April.	May.	June.	July.	August.	Sep-	Octo-	Novem-	Decem-	
		ary.	ary.					tem-	ber.	ber.	ber.	ber.	ber.	
GLENS FALLS.....	2,784	2,656	2,665	2,789	2,851	2,781	2,686	2,758	2,783	2,813	2,847	2,881	2,898	91.6
Males.....	1,372	1,328	1,315	1,413	1,444	1,386	<i>1,299</i>	1,320	1,323	1,385	1,384	1,444	1,423	90.0
Females.....	1,412	1,328	1,350	1,376	1,407	1,387	1,387	1,438	1,460	1,428	1,463	1,437	1,475	90.0
GLOVERSVILLE.....	5,612	4,925	4,852	5,014	5,197	5,408	5,705	5,927	6,043	5,987	6,171	6,135	6,300	73.4
Males.....	3,800	3,099	3,253	3,309	3,410	3,583	3,816	4,078	4,146	4,076	4,261	4,220	4,354	71.2
Females.....	1,812	1,626	1,599	1,705	1,787	1,825	1,889	1,854	1,897	1,891	1,910	1,915	1,946	78.4
HERKIMER.....	1,370	1,374	1,323	1,181	1,164	1,316	1,385	1,447	1,420	1,450	1,462	1,463	1,465	78.8
Males.....	1,255	1,250	1,225	1,149	1,128	1,220	1,245	1,296	1,284	1,302	1,320	1,321	1,325	84.8
Females.....	115	124	98	32	<i>31</i>	96	140	151	136	148	142	142	140	20.5
HORNELL.....	1,851	1,797	1,775	1,782	1,817	1,798	1,803	1,860	1,803	1,855	1,958	1,976	2,008	87.7
Males.....	1,245	1,184	1,167	1,158	1,210	1,199	1,219	1,241	1,230	1,256	1,366	1,334	1,386	88.5
Females.....	606	613	618	604	607	599	584	619	593	599	642	622	693	78.3
HUDSON.....	1,481	1,458	1,507	1,469	1,480	1,470	1,441	1,466	1,492	1,490	1,488	1,532	1,539	91.6
Males.....	1,054	1,071	1,103	1,059	1,086	1,024	1,036	1,042	1,014	1,026	1,022	1,082	1,083	91.9
Females.....	427	387	404	410	394	386	405	424	478	464	466	456	456	80.8
ILION.....	5,215	4,237	4,671	4,599	4,704	4,904	5,152	5,148	5,543	5,572	5,888	5,945	6,217	68.2
Males.....	4,187	3,931	3,743	3,636	3,707	3,892	4,143	4,098	4,496	4,525	4,774	4,817	5,082	65.5
Females.....	1,028	906	928	963	997	1,012	1,009	1,050	1,047	1,114	1,128	1,136	70.8	
ITHACA.....	1,690	2,176	2,148	1,734	1,693	1,480	1,532	1,560	1,530	1,518	1,578	1,619	1,703	68.4
Males.....	1,425	1,328	1,341	1,496	1,455	1,273	1,331	1,331	1,292	1,296	1,318	1,373	1,378	68.8
Females.....	265	348	307	238	238	216	201	238	238	252	282	301	330	57.8
JAMESTOWN.....	8,559	8,478	8,408	8,747	8,725	8,712	8,279	7,261	8,730	9,029	9,111	9,474	9,754	64.4
Males.....	6,502	6,557	6,499	6,728	6,691	6,714	6,370	5,383	6,649	6,886	6,927	7,200	7,411	59.0
Females.....	2,057	1,921	1,909	2,019	2,034	1,998	1,909	1,878	2,081	2,143	2,184	2,265	2,343	80.2
JOHNSTOWN.....	2,664	2,414	2,441	2,454	2,554	2,529	2,636	2,603	2,858	2,783	2,862	2,930	3,005	78.3
Males.....	1,688	1,451	1,458	1,467	1,444	1,556	1,661	1,712	1,859	1,809	1,891	1,951	1,997	72.3
Females.....	976	963	983	987	910	978	975	981	999	974	971	988	1,008	90.3
KINGSTON.....	3,903	3,911	3,887	3,734	3,717	3,801	3,806	3,749	3,947	3,921	4,136	4,179	4,248	86.8
Males.....	2,159	2,208	1,912	2,012	1,959	2,112	2,145	2,152	2,212	2,200	2,306	2,346	2,340	83.0
Females.....	1,744	1,703	1,739	1,722	1,758	1,689	1,661	1,697	1,735	1,712	1,830	1,880	1,902	84.0
LITTLE FALLS.....	3,688	3,567	3,523	3,522	3,588	3,500	3,632	3,778	3,913	3,880	3,895	3,801	3,857	84.9
Males.....	2,640	2,579	2,310	2,437	2,521	2,614	2,668	2,734	2,833	2,806	2,807	2,709	2,764	81.5
Females.....	1,048	988	1,013	1,085	1,067	986	960	1,044	1,080	1,074	1,088	1,092	1,093	88.4
LOCKPORT.....	4,074	3,701	3,832	3,592	3,787	3,855	3,959	4,172	4,338	4,331	4,381	4,489	4,451	80.0
Males.....	3,434	3,076	3,210	3,014	3,188	3,256	3,354	3,531	3,675	3,650	3,685	3,794	3,777	79.4
Females.....	640	625	622	578	601	599	605	641	603	681	696	696	674	83.0
MIDDLETON.....	2,162	2,258	2,241	2,173	2,038	2,049	2,001	1,986	2,080	2,215	2,230	2,329	2,395	80.8
Males.....	1,494	1,499	1,513	1,473	1,433	1,455	1,420	1,428	1,440	1,533	1,511	1,592	1,625	87.8
Females.....	668	759	728	700	665	594	575	507	640	682	719	737	770	65.8
MOUNT VERNON.....	2,740	2,690	2,690	2,604	2,574	2,468	2,534	2,734	2,900	2,916	2,933	2,955	2,959	83.2
Males.....	1,607	1,597	1,608	1,564	1,544	1,473	1,500	1,612	1,606	1,714	1,657	1,665	1,684	85.9
Females.....	1,139	1,093	1,082	1,040	1,030	990	1,034	1,122	1,234	1,202	1,276	1,290	1,275	76.7
NEW ROCHELLE.....	1,293	1,231	1,257	1,276	1,225	1,217	1,236	1,317	1,314	1,311	1,300	1,302	1,431	85.0
Males.....	961	925	925	928	887	888	914	974	971	970	900	1,010	1,042	85.1
Females.....	342	306	332	348	338	329	322	343	343	335	343	376	380	78.7
NEW YORK CITY.....	638,775	610,175	620,301	628,173	633,848	623,238	622,639	637,899	655,182	660,639	642,301	656,192	674,708	90.4
Males.....	425,866	406,257	414,839	420,731	422,376	413,874	410,352	429,581	440,950	441,908	423,863	432,140	447,621	90.8
Females.....	212,900	208,918	205,462	207,447	211,472	209,394	206,287	208,318	214,232	218,731	214,488	224,052	227,187	89.8
BRONX BOROUGH.....	20,030	19,003	19,032	19,267	20,036	20,349	20,279	20,995	21,138	21,253	19,184	19,409	20,487	89.4
Males.....	14,031	13,307	13,304	13,630	14,255	14,427	14,340	14,820	15,041	15,116	12,988	13,143	13,002	85.9
Females.....	6,005	5,690	5,638	5,637	5,781	5,922	5,939	6,106	6,097	6,137	6,106	6,206	6,585	85.6
BROOKLYN BOROUGH.....	166,724	161,010	161,519	158,222	162,047	162,906	163,168	164,374	170,694	170,654	170,287	180,301	187.8	
Males.....	120,249	116,368	116,336	116,147	116,855	117,681	118,465	119,309	122,567	122,850	122,054	125,690	129,676	
Females.....	46,475	44,651	45,183	43,075	45,192	45,315	44,703	45,098	46,817	47,844	48,600	50,507	50,625	85.1
MANHATTAN BOROUGH.....	386,907	360,051	369,685	381,619	384,967	374,546	374,488	386,596	400,216	404,982	392,720	390,502	412,864	87.3
Males.....	238,992	219,647	227,645	235,284	236,088	228,485	230,780	242,038	251,047	252,883	241,977	245,308	255,524	86.0
Females.....	147,915	140,984	142,050	146,335	148,281	146,106	143,706	144,558	148,599	152,099	150,743	154,254	167,340	89.6
QUEENS BOROUGH.....	47,222	48,582	48,486	47,683	46,214	46,648	45,455	46,747	47,183	47,106	46,802	47,887	47,801	93.5
Males.....	35,920	37,214	37,137	36,516	35,210	35,802	34,695	35,428	35,603	35,630	35,222	36,208	36,315	93.2
Females.....	11,302	11,368	11,349	11,167	11,004	10,846	10,740	11,319	11,520	11,476	11,670	11,679	11,486	92.0
RICHMOND BOROUGH.....	17,886	20,040	21,569	21,387	20,584	18,699	19,271	19,154	17,271	16,604	12,851	13,047	13,255	59.6
Males.....	16,674	19,721	20,327	20,154	19,370	17,479	18,072	17,997	17,997	16,024	12,022	11,791	12,104	57.2
Females.....	1,212	1,219	1,242	1,233	1,214	1,220	1,199	1,177	1,229	1,175	1,229	1,256	1,151	91.6
NEWBURGH.....	5,380	5,217	5,158	5,225	4,904	5,138	5,188	5,606	5,608	5,543	5,501	5,637	5,795	85.7
Males.....	3,763	3,614	3,592	3,648	3,417	3,546	3,570	3,947	3,928	3,889	3,961	4,006	4,038	84.6
Females.....	1,626	1,603	1,586	1,577	1,547	1,592	1,616	1,659	1,680	1,654	1,630	1,631	1,757	88.0
NIAGARA FALLS.....	12,238	12,902	12,552	12,836	11,966	11,650	11,457	12,078	11,042					

MANUFACTURES—NEW YORK.

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TABLE 8.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919—Continued.

[The month of maximum employment for each industry is indicated by bold-faced figures and that of minimum employment by *italic* figures.]

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Percent minimum is of maximum.
		Janu- ary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Septem- ber.	Octo- ber.	Novem- ber.	Decem- ber.	
OEDENSBURG.....	757	730	763	765	726	738	784	739	758	741	749	774	817	88.9
Males.....	423	406	428	420	396	399	423	419	440	419	417	437	474	83.5
Females.....	334	324	337	345	330	339	361	320	318	322	332	337	343	88.1
OLEAN.....	4,689	4,986	4,646	4,615	4,585	4,633	4,644	4,761	4,509	4,639	4,556	4,721	4,733	90.4
Males.....	4,196	4,456	4,160	4,125	4,119	4,178	4,184	4,279	4,059	4,179	4,106	4,235	4,252	91.6
Females.....	473	531	486	490	466	455	460	482	429	460	450	486	481	80.8
ONEIDA.....	1,207	1,130	1,118	1,132	1,068	1,090	1,149	1,413	1,341	1,332	1,261	1,251	1,211	74.7
Males.....	1,046	999	989	979	929	937	1,011	1,185	1,138	1,154	1,085	1,085	1,061	78.4
Females.....	161	131	129	153	127	153	138	228	203	178	176	166	150	55.7
ONEONTA.....	1,657	1,628	1,695	1,718	1,655	1,710	1,663	1,684	1,691	1,585	1,605	1,597	1,653	92.3
Males.....	1,219	1,125	1,188	1,198	1,193	1,194	1,179	1,226	1,249	1,251	1,260	1,202	1,303	80.3
Females.....	438	503	507	520	402	516	484	458	442	384	345	335	350	64.2
OSSINING.....	387	380	380	385	373	368	373	389	387	389	388	390	438	88.6
Males.....	295	260	259	264	253	246	252	261	268	268	269	271	310	79.0
Females.....	122	120	121	121	120	121	121	128	119	121	119	125	128	98.0
OSWEGO.....	4,470	4,711	4,464	4,154	4,042	4,097	4,204	4,338	4,460	4,632	4,857	4,828	4,853	88.2
Males.....	3,227	3,411	3,199	2,954	2,956	2,916	3,040	3,145	3,171	3,304	3,503	3,522	3,543	82.3
Females.....	1,243	1,300	1,265	1,200	1,080	1,181	1,104	1,193	1,289	1,268	1,354	1,306	1,310	80.2
PEEKSKILL.....	2,086	1,907	1,934	1,993	2,007	2,003	2,061	2,085	2,048	2,142	2,219	2,123	2,270	84.0
Males.....	1,542	1,468	1,467	1,514	1,511	1,520	1,542	1,548	1,521	1,598	1,649	1,563	1,683	88.1
Females.....	524	464	467	479	496	483	519	542	527	544	570	570	637	71.3
PLATTSBURG.....	787	937	929	830	858	828	782	744	600	691	701	713	741	73.6
Males.....	575	730	716	614	639	618	570	529	481	484	402	504	528	65.9
Females.....	212	207	213	216	210	212	212	215	209	207	209	209	218	94.5
PORT CHESTER.....	2,685	2,763	2,663	2,586	2,469	2,503	2,533	2,645	2,694	2,727	2,805	2,886	2,956	88.5
Males.....	1,813	1,962	1,829	1,756	1,630	1,659	1,670	1,713	1,780	1,851	1,890	1,963	2,048	79.6
Females.....	872	801	834	830	839	844	863	932	904	870	918	908	85.9	
PORT JERVIS.....	2,003	1,909	1,975	1,950	1,953	1,946	2,002	1,901	2,020	2,053	2,034	2,052	2,092	93.0
Males.....	1,569	1,571	1,552	1,514	1,528	1,540	1,554	1,539	1,593	1,570	1,583	1,612	1,636	92.5
Females.....	434	398	423	436	425	405	418	452	427	477	451	440	456	83.4
POUGHKEEPSIE.....	5,935	5,479	5,541	5,624	5,595	5,709	5,552	5,719	5,972	6,197	6,331	6,619	6,832	80.2
Males.....	4,166	5,700	3,731	3,873	3,882	3,978	4,021	4,124	4,282	4,350	4,482	4,684	4,885	75.7
Females.....	1,769	1,779	1,810	1,751	1,713	1,731	1,631	1,595	1,690	1,847	1,899	1,935	1,947	78.6
RENSSELAER.....	1,363	1,224	1,341	1,318	1,318	1,304	1,323	1,350	1,359	1,388	1,412	1,467	1,552	78.9
Males.....	990	845	944	943	936	968	992	1,008	1,003	1,031	1,034	1,052	1,074	78.7
Females.....	373	379	397	375	332	336	331	342	356	357	378	415	478	69.2
ROCHESTER.....	63,792	58,569	59,135	58,884	59,350	60,832	62,643	65,268	66,010	66,810	68,373	69,188	70,442	83.1
Males.....	41,706	40,937	41,300	41,340	41,830	42,030	44,017	45,735	46,187	46,743	47,942	48,436	49,375	82.9
Females.....	19,086	17,632	17,835	17,544	17,520	18,202	18,626	19,533	19,823	20,067	20,431	20,752	21,067	83.2
ROME.....	4,428	5,467	4,913	4,437	4,476	4,479	2,733	1,726	4,453	4,980	4,978	5,193	5,292	31.6
Males.....	3,780	4,727	4,215	3,866	3,829	3,848	2,190	1,301	3,736	4,305	4,282	4,469	4,552	27.5
Females.....	648	680	698	571	647	631	543	425	717	684	716	724	740	57.4
SARATOGA SPRINGS.....	855	950	924	883	825	850	787	789	871	808	851	851	871	82.8
Males.....	454	511	493	488	449	429	593	400	490	406	438	472	484	76.9
Females.....	401	439	431	400	370	421	394	389	381	402	413	379	387	85.6
SCHEEDETADY.....	21,062	22,039	21,855	21,437	21,211	20,995	20,759	20,873	20,945	20,427	20,261	20,611	21,331	91.9
Males.....	18,432	19,288	19,331	19,050	18,856	18,735	18,359	18,328	18,310	17,835	17,407	17,597	18,102	90.0
Females.....	2,030	2,771	2,524	2,381	2,355	2,200	2,400	2,545	2,035	2,592	2,854	3,014	3,229	70.0
SYRACUSE.....	28,153	25,713	26,261	26,388	26,897	25,790	26,295	27,632	28,477	29,783	30,418	31,287	32,895	78.2
Males.....	23,280	21,198	21,712	21,767	22,310	21,309	21,799	22,780	23,617	24,642	25,099	25,801	27,260	77.8
Females.....	4,873	4,615	4,549	4,621	4,587	4,481	4,496	4,846	4,800	5,141	5,319	5,428	5,635	79.5
TONAWANDA.....	1,833	1,848	1,869	1,671	1,661	1,496	1,559	1,620	1,668	2,181	2,273	1,991	2,159	65.8
Males.....	1,672	1,710	1,725	1,525	1,514	1,555	1,408	1,451	1,506	2,008	2,097	1,806	1,959	64.6
Females.....	161	198	144	146	147	141	151	162	173	176	185	185	200	69.0
TROY.....	15,029	15,687	15,116	15,131	15,709	15,591	15,890	16,094	15,888	16,191	16,175	16,057	17,019	88.8
Males.....	6,698	7,071	6,592	6,507	6,696	6,247	6,509	6,592	6,529	6,575	6,652	7,012	7,394	84.5
Females.....	9,231	8,616	8,524	8,624	9,013	9,344	9,381	9,502	9,359	9,616	9,523	9,645	9,625	88.4
UTICA.....	16,423	15,711	15,845	15,715	15,864	16,082	16,178	17,535	15,088	16,128	17,093	18,669	20.6	
Males.....	10,071	9,533	9,794	9,669	9,644	9,828	9,996	10,606	10,831	9,348	9,916	10,294	11,383	82.1
Females.....	6,352	6,178	6,051	6,046	6,220	6,254	6,182	6,612	6,704	5,690	6,212	6,799	7,276	78.2
WATERTOWN.....	3,914	4,153	3,858	3,408	3,708	3,796	3,801	3,975	4,041	3,948	3,953	4,126	4,116	81.9
Males.....	3,223	3,473	3,225	2,807	3,190	3,173	3,149	3,323	3,322	3,190	3,172	3,317	3,335	80.8
Females.....	691	680	633	598	608	623	652	719	758	781	809	781	73.7	
WATERVILLE.....	1,600	1,475	1,578	1,426	1,484	1,564	1,518	1,604	1,575	1,686	1,702	1,831	1,957	70.4
Males.....	1,141	1,072	995	1,027	1,071	1,125	1,079	1,127	1,062	1,164	1,202	1,318	1,450	68.6
Females.....	459	403	583	399	413	439	430	477	513	522	500	513	507	73.4
WHITE PLAINS.....	829	327	318	328	327	335	338	327	306	322	332	336	357	85.7
Males.....	244	235	223	220	229	239	246	254	242	253	253	259	275	80.0
Females.....	85	92	95	103	98	96	92	73	64	69	79	77	82	62.1
YONKERS.....	11,932	10,824	10,668	11,126	11,151	11,146	11,578	12,509	12,457	12,254	13,149	13,395	13,497	75.8
Males.....	8,236	7,118	7,495	7,836	7,817	7,671	8,045	8,691	8,485	8,417	9,022	9,066	9,189	77.6
Females.....	3,096	5,108	3,173	3,290	3,334	3,475	3,533	3,878	3,837	3,837	4,127	4,209	4,328	71.8

MANUFACTURES—NEW YORK.

TABLE 9.—AVERAGE NUMBER OF WAGE EARNERS, BY PREVAILING HOURS OF LABOR PER WEEK, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914.

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48	48. ¹	Between 48 and 54	54.	Between 54 and 60	60.	Over 60.
All industries.....	1919	1,228,130	317,928	52,953	420,335	208,679	102,460	65,210	41,900	18,548
	1914	1,057,857	(2)	(2)	136,221	296,578	357,822	135,878	105,769	25,589
	1909	1,003,981	(2)	(2)	102,279	173,887	169,492	290,905	225,930	41,488
Agricultural implements.....	1919	4,626	(2)	(2)	309	3,200	774	267	76	.....
	1914	5,392	(2)	(2)	13	132	3,571	1,675	1	.....
Automobile bodies and parts.....	1919	15,689	418	57	5,236	6,937	592	2,353	96	.....
	1914	6,340	(2)	(2)	110	3,076	1,438	1,090	624	2
Automobiles.....	1919	14,794	152	(2)	10,938	3,023	344	132	205	.....
	1914	5,782	(2)	(2)	18	801	4,751	61	91	.....
Automobile repairing.....	1919	6,197	870	60	2,480	801	1,479	193	298	7
	1914	4,310	(2)	(2)	621	750	2,240	275	401	23
Bookbinding and blank-book making.....	1919	8,513	1,203	91	6,592	385	232	10	.....	.....
	1914	8,772	(2)	(2)	2,671	2,906	2,711	408	16	.....
Boots and shoes, not including rubber boots and shoes.....	1919	34,710	8,024	676	19,659	4,795	486	160	1	.....
	1914	26,193	(2)	(2)	318	7,306	14,361	4,098	20	.....
Boxes, paper and other, not elsewhere specified.....	1919	14,509	2,045	953	5,134	4,940	644	713	80	.....
	1914	14,102	(2)	(2)	2,803	3,255	6,906	1,155	73	.....
Brass, bronze, and copper products.....	1919	10,746	155	215	5,979	2,407	460	1,407	63	.....
	1914	6,627	(2)	(2)	743	805	2,180	1,365	1,471	.....
Bread and other bakery products.....	1919	28,541	1,488	7,446	14,405	1,189	2,771	296	777	70
	1914	27,002	(2)	(2)	2,915	983	13,955	875	7,920	354
Buttons.....	1919	6,568	1,587	100	2,421	1,632	108	301	350	.....
	1914	5,223	(2)	(2)	104	852	3,273	902	2	.....
Canning and preserving, fruits and vegetables.....	1919	4,835	36	7	172	115	1,145	216	3,132	12
	1914	6,439	(2)	(2)	188	86	2,278	681	3,179	27
Carpets and rugs, other than rag.....	1919	9,073	78	(2)	647	854	7,494	90	241	.....
	1914	12,540	(2)	(2)	127	12,082	.....	.....	.....	.....
Cars and general shop construction and repairs by electric-railroad companies.....	1919	5,056	(2)	(2)	92	4,079	1,185	128	61	111
	1914	4,921	(2)	(2)	38	677	1,452	2,100	654	.....
Cars and general shop construction and repairs by steam-railroad companies.....	1919	30,427	2,057	360	16,920	.....	739	10,300	51	.....
	1914	20,234	(2)	(2)	381	4,600	6,404	2,751	3,094	3,004
Chemicals.....	1919	9,087	18	177	3,001	2,300	1,073	2,901	123	34
	1914	7,780	(2)	(2)	200	39	346	3,641	325	3,229
Clothing, men's.....	1919	62,008	54,820	1,012	3,571	1,981	621	.....	1	2
	1914	64,927	(2)	(2)	8,962	41,694	13,270	808	188	5
Clothing, women's.....	1919	102,652	87,375	3,508	6,720	3,081	767	179	62	.....
	1914	108,303	(2)	(2)	4,701	90,355	12,056	331	50	.....
Collars and cuffs, men's.....	1919	10,920	157	5,790	38	3,945	900	.....	.....	.....
	1914	9,793	(2)	(2)	82	736	8,032	107	836	.....
Confectionery and ice cream ³	1919	16,622	1,034	1,220	5,855	4,497	2,046	840	320	201
	1914	12,149	(2)	(2)	487	1,706	6,389	1,671	1,681	215
Cotton goods.....	1919	9,222	7	(2)	6,203	466	2,449	37	.....	.....
	1914	7,800	(2)	(2)	13	40	8,703	19	1,025	.....
Cutlery and edge tools.....	1919	4,467	13	2	534	2,616	567	243	402	.....
	1914	3,700	(2)	(2)	84	379	402	1,524	1,311	.....
Dyeing and finishing textiles, exclusive of that done in textile mills.....	1919	6,076	1,058	730	2,548	1,212	146	370	12	.....
	1914	5,514	(2)	(2)	240	439	2,014	951	964	.....
Electrical machinery, apparatus, and supplies.....	1919	37,598	10,747	126	12,816	9,672	2,130	1,540	558	.....
	1914	23,738	(2)	(2)	348	3,828	3,703	15,145	606	18
Engines, steam, gas, and water.....	1919	4,528	1,801	(2)	735	1,686	39	238	29	.....
	1914	1,973	(2)	(2)	5	23	1,070	604	265	.....
Fancy articles, not elsewhere specified.....	1919	5,943	2,761	548	622	1,843	137	32	.....	.....
	1914	2,928	(2)	(2)	539	708	1,154	504	23	.....
Firearms ⁴	1919	4,049	10	1,992	1,050	204	184	.....	.....	.....
Food preparations, not elsewhere specified.....	1919	4,546	321	21	857	1,782	236	831	487	11
	1914	4,031	(2)	(2)	541	324	1,840	409	806	61
Foundry and machine-shop products ⁵	1919	59,125	8,923	2,898	21,863	12,338	6,270	5,130	1,703	.....
	1914	40,761	(2)	(2)	4,800	8,899	10,897	7,972	3,686	8
Fur goods.....	1919	8,890	8,347	57	272	154	42	12	6	.....
	1914	8,904	(2)	(2)	700	4,394	758	48	4	.....
Furnishing goods, men's.....	1919	5,961	4,554	197	311	875	24	.....	1	.....
	1914	6,553	(2)	(2)	764	2,706	2,938	144	.....	.....
Furniture.....	1919	22,062	4,631	222	3,505	6,006	4,328	2,713	644	13
	1914	21,497	(2)	(2)	2,577	2,319	7,303	4,975	4,319	4
Gas, illuminating and heating.....	1919	8,409	8	(2)	6,919	68	402	537	306	109
	1914	10,090	(2)	(2)	267	3	7,527	305	866	1,122

¹ Includes 48 and under for 1914 and 1909.² Not shown separately in 1914.³ Corresponding figures not available.⁴ Includes "chewing gum."

TABLE 9.—AVERAGE NUMBER OF WAGE EARNERS, BY PREVAILING HOURS OF LABOR PER WEEK, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914—Continued.

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48. ¹	Between 48 and 51.	51.	Between 51 and 60.	60.	Over 60.
Gloves and mittens, leather.....	1919	5,510	642	110	471	1,281	1,857	1,018	131	
	1914	6,026	(2)	(2)	256	1,255	2,895	1,608	11	1
Hats, fur-felt.....	1919	4,088	1,798	(2)	2,179	12	99	284		
	1914	3,563	(2)	(2)	677	650	1,951			
Instruments, professional and scientific.....	1919	5,497	294	342	4,377	334	38	409	112	
	1914	2,243	(2)	(2)	182	1,078	562		12	
Iron and steel, steel works and rolling mills.....	1919	17,901	761	647	192	331	2,201	3,845	4,094	5,830
	1914	10,788	(2)	(2)		173	1,796	2,843	5,976	
Iron and steel forgings, not made in steel works or rolling mills.....	1919	4,081	93	(2)	1,115	1,615	684	574		
	1914	1,464	(2)	(2)	42	173	512	555	182	
Jewelry.....	1919	5,511	4,094	98	1,066	162	75	16		
	1914	5,051	(2)	(2)	522	2,644	1,560	302	10	7
Knit goods.....	1919	41,372	5,029	2,405	16,000	7,469	5,590	4,027	406	356
	1914	40,095	(2)	(2)	209	3,827	30,382	2,145	3,127	405
Leather goods, not elsewhere specified.....	1919	4,410	2,849	422	613	361	123	33	9	
	1914	3,530	(2)	(2)	123	798	1,238	1,232	148	
Leather, tanned, curried, and finished.....	1919	7,056	131	636	2,403	1,837	1,553	421	75	
	1914	5,360	(2)	(2)	194	282	1,398	2,464	1,022	
Liquors, malt.....	1919	6,814	1,105	56	5,278	278	97			
	1914	9,826	(2)	(2)	6,406	633	2,521	61	205	
Lithographing.....	1919	6,675	121	118	5,778	650	8			
	1914	6,503	(2)	(2)	5,979	447	57	20		
Lumber and timber products.....	1919	5,494	58	20	206	405	1,230	650	2,869	56
	1914	6,360	(2)	(2)	254	47	598	1,216	3,708	537
Lumber, planing-mill products, not including planing mills connected with sawmills.....	1919	8,455	2,266	14	1,353	1,566	1,558	1,071	627	
	1914	11,475	(2)	(2)	3,807	1,108	2,126	2,164	2,270	
Millinery and lace goods, not elsewhere specified.....	1919	28,096	16,051	2,907	5,236	3,513	275	2	48	4
	1914	26,124	(2)	(2)	2,176	11,845	11,562	369	159	13
Musical instruments, pianos.....	1919	6,908	357	(2)	2,890	3,406	230	16		
	1914	8,202	(2)	(2)	244	1,120	6,106	716	16	
Musical instruments, piano and organ materials.....	1919	4,141	92	62	792	2,141	409	540	105	
	1914	3,752	(2)	(2)	6	549	2,530	212	455	
Optical goods.....	1919	6,130	196	101	4,574	1,111	128	19		1
	1914	2,988	(2)	(2)	43	2,115	291	512	27	
Paper and wood pulp.....	1919	17,571	(2)	(2)	11,938	151	889		1,182	3,411
	1914	13,570	(2)	(2)	1,672		2,671	680	3,380	5,167
Paper goods, not elsewhere specified.....	1919	4,017	372	496	1,602	878	489	178	2	
	1914	3,364	(2)	(2)	106	1,247	647	547	817	
Patent medicines and compounds.....	1919	4,546	1,014	383	2,267	631	215	24	10	2
	1914	2,704	(2)	(2)	1,062	1,053	397	241	37	4
Photographic materials.....	1919	11,616	1,213	108	9,321	860	45			
	1914	5,991	(2)	(2)	83	5,589	30	309		
Printing and publishing, book and job.....	1919	26,096	3,177	540	20,580	1,448	337	9	5	
	1914	25,800	(2)	(2)	18,483	4,332	2,635	337	13	
Printing and publishing, newspapers and periodicals.....	1919	23,164	6,491	936	13,062	457	731	1,420	58	
	1914	20,080	(2)	(2)	15,324	1,899	1,867	757	189	53
Rubber tires, tubes; and rubber goods, not elsewhere specified.....	1919	5,370	444	(2)	2,634	1,164	1	584	543	
	1914	3,633	(2)	(2)	27	797	1,808	305	686	10
Shipbuilding, steel.....	1919	25,987	5,266	56	20,593	72				
	1914	3,023	(2)	(2)	102	916	1,980	25		
Shipbuilding, wooden, including boat building.....	1919	7,308	813	20	5,665	422	207	68	113	
	1914	3,053	(2)	(2)	775	93	1,745	148	287	5
Shirts.....	1919	12,136	4,545	786	2,114	2,263	2,403		25	
	1914	16,443	(2)	(2)	320	2,612	12,059	1,247	130	75
Silk goods.....	1919	13,342	4,218	688	1,777	3,883	2,718	58		
	1914	11,659	(2)	(2)	123	2,381	7,471	1,594	17	73
Slaughtering and meat packing.....	1919	6,646	321	(2)	3,815	667	331	134	1,377	1
	1914	6,245	(2)	(2)	541	1,332	952	588	2,791	41
Soap.....	1919	4,159	25	2	3,090	508	138	246	150	
	1914	3,168	(2)	(2)	100	1,265	131	1,389	283	
Stamped and enameled ware, not elsewhere specified.....	1919	8,059	166	247	4,039	2,223	869	515		
	1914	6,706	(2)	(2)	1,473	623	1,516	2,808	286	
Steam fittings and steam and hot-water heating apparatus.....	1919	5,114	106	(2)	2,804	503	1,520	52	63	
	1914	4,898	(2)	(2)	125	300	550	541	3,376	
Structural ironwork, not made in steel works or rolling mills.....	1919	4,872	426	26	2,443	633	764	575		
	1914	7,026	(2)	(2)	195	3,566	1,907	1,080	179	9

¹ Includes 48 and under for 1914 and 1909.² Corresponding figures not available.

MANUFACTURES—NEW YORK.

TABLE 9.—AVERAGE NUMBER OF WAGE EARNERS, BY PREVAILING HOURS OF LABOR PER WEEK, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914—Continued.

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48. ¹	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
Sugar, refining, not including beet sugar.....	1919	6,289							3,497	2,792
	1914	4,899	(2)	(2)				639	2,131	2,129
Tinware, not elsewhere specified.....	1919	6,889	39	442	2,362	2,818	983	132	113	
	1914	4,470	(2)	(2)	61	130	3,223	970	86	
Tobacco, cigars and cigarettes.....	1919	21,095	3,948	1,102	7,521	3,731	4,742	30	21	
	1914	30,111	(2)	(2)	8,109	4,502	13,011	3,365	332	702
Typewriters and supplies.....	1919	5,400	48	84	318	4,809	20	59	62	
	1914	4,446	(2)	(2)	494	2,305	1,403	244		
Woolen and worsted goods.....	1919	7,812		32	5,083	1,141	1,076	7	473	
	1914	6,802	(2)	(2)	367	207	3,402	492	2,364	
All other industries.....	1919	254,854	43,161	10,314	73,483	62,893	26,797	16,799	15,891	5,516
	1914	224,120	(2)	(2)	29,234	48,793	63,574	41,808	33,100	7,551
Total for cities ³	1919	1,055,002	302,270	51,583	376,030	181,518	73,286	44,576	19,600	6,130
	1914	904,817	(2)	(2)	128,405	281,966	301,772	113,058	66,521	12,195
ALBANY.....	1919	11,216	254	380	6,506	1,400	2,101	308	262	5
	1914	9,371	(2)	(2)	2,027	2,297	3,022	1,177	841	7
AMSTERDAM.....	1919	10,713	358	9	2,261	3,809	3,631	170	385	
	1914	10,774	(2)	(2)	314	121	9,072	681	533	50
AUBURN.....	1919	7,272	75	44	351	6,475	231	23	56	17
	1914	5,760	(2)	(2)	222	27	3,416	1,902	64	48
BATAVIA.....	1919	2,226	8	.....	403	1,109	469	220	22	
	1914	2,457	(2)	(2)	197	3	312	347	1,590	8
BEACON.....	1919	2,162	12	327	227	1,150	45	300	101	
	1914	1,806	(2)	(2)	30	.....	524	571	679	2
BINGHAMTON.....	1919	7,477	230	115	507	4,555	1,525	517	15	13
	1914	7,248	(2)	(2)	718	687	3,917	740	1,181	5
BUFFALO.....	1919	75,899	2,314	1,405	34,598	8,024	12,004	9,712	6,645	1,197
	1914	54,418	(2)	(2)	7,409	4,081	16,700	11,151	12,780	2,226
COHOES.....	1919	5,013	6	1	3,393	562	638	275	17	121
	1914	5,781	(2)	(2)	125	205	4,788	221	423	19
CORNING.....	1919	3,517	8	.....	324	8	437	2,731	.....	9
	1914	2,203	(2)	(2)	38	247	274	1,344	137	163
CORTLAND.....	1919	3,013	7	17	461	124	324	1,600	383	1
	1914	2,459	(2)	(2)	25	52	434	1,098	234	16
DUNKIRK.....	1919	4,310	851	.....	623	2,217	478	27	123	
	1914	2,589	(2)	(2)	107	2,037	497	53	270	25
ELMIRA.....	1919	8,024	35	206	4,023	1,762	1,604	326	15	53
	1914	4,370	(2)	(2)	1,005	718	1,617	600	225	39
FULTON.....	1919	3,627	.....	8	2,915	441	33	54	176	
	1914	3,042	(2)	(2)	144	1	75	279	2,289	254
GENEVA.....	1919	2,423	.....	67	88	1,300	498	59	317	
	1914	1,602	(2)	(2)	57	43	285	761	534	12
GLENS FALLS.....	1919	2,784	95	52	698	926	684	64	215	50
	1914	2,532	(2)	(2)	393	15	1,597	147	118	262
GLOVERSVILLE.....	1919	5,612	217	246	401	1,569	1,823	1,100	254	2
	1914	5,335	(2)	(2)	249	1,001	1,943	2,022	98	27
HERKIMER ⁴	1919	1,370	.....	56	163	356	14	724	57	
HORNELL.....	1919	1,851	180	1	162	202	596	682	22	6
	1914	2,285	(2)	(2)	256	3	1,911	58	55	2
HUDSON.....	1919	1,481	.....	3	247	259	83	814	52	23
	1914	1,423	(2)	(2)	91	29	339	880	59	25
ILION ⁴	1919	5,215	5	1,002	46	8,147	.....	25	.....
ITHACA.....	1919	1,690	40	14	213	56	424	491	437	15
	1914	815	(2)	(2)	160	13	149	137	317	39
JAMESTOWN.....	1919	8,559	8	80	3,206	108	4,718	389	44	6
	1914	7,794	(2)	(2)	193	145	7,094	185	177	
JOHNSTOWN.....	1919	2,664	203	36	116	770	1,160	368	2	
	1914	2,532	(2)	(2)	150	217	1,245	842	48	
KINGSTON.....	1919	3,903	493	60	1,361	1,028	738	174	48	1
	1914	3,076	(2)	(2)	405	906	953	411	401	
LITTLE FALLS.....	1919	3,638	.....	417	2,052	1,068	110	7	3	31
	1914	3,823	(2)	(2)	37	.....	2,439	830	493	24
LOCKPORT.....	1919	4,074	70	.....	388	1,088	375	612	421	220
	1914	2,381	(2)	(2)	115	50	761	196	780	479

¹ Includes 48 and under for 1914 and 1909.² Corresponding figures not available.³ Excludes Lackawanna, to avoid disclosure of individual operations.⁴ Not shown separately in 1914.

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TABLE 9.—AVERAGE NUMBER OF WAGE EARNERS, BY PREVAILING HOURS OF LABOR PER WEEK, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914—Continued.

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48. ¹	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
MIDDLETOWN.....	1919	2,162	167	35	717	445	342	441	2	13
	1914	1,989	(2)	(2)	72	88	1,181	271	365	12
MOUNT VERNON.....	1919	2,746	996	34	1,112	479	110	.....	15	.....
	1914	1,346	(2)	(2)	287	451	332	191	85	.....
NEW ROCHELLE.....	1919	1,293	156	41	653	349	74	4	16	.....
	1914	870	(2)	(2)	335	114	235	24	112	.....
NEW YORK CITY.....	1919	628,775	277,219	36,455	213,463	85,289	13,334	5,429	6,170	1,416
	1914	585,279	(2)	(2)	98,379	229,116	172,000	53,726	27,167	4,891
NEWBURGH.....	1919	5,380	1,059	73	2,372	724	1,109	38	8	6
	1914	4,318	(2)	(2)	1,505	926	1,020	619	189	109
NIAGARA FALLS.....	1919	12,238	45	.....	1,766	6,947	1,032	2,083	354	11
	1914	9,390	(2)	(2)	598	1,065	2,904	3,558	1,195	70
NORTH TONAWANDA.....	1919	4,366	.....	1	1,910	1,052	532	378	234	259
	1914	3,574	(2)	(2)	1,052	505	994	311	710	2
OGDENSBURG.....	1919	757	7	.....	101	476	105	18	46	4
	1914	808	(2)	(2)	80	16	566	41	183	12
OLEAN.....	1919	4,669	34	.....	3,369	417	814	11	24	.....
	1914	2,633	(2)	(2)	108	277	702	1,211	275	.....
ONEIDA ²	1919	1,207	2	.....	88	409	20	580	108	.....
ONEONTA.....	1919	1,657	108	26	39	262	129	1,079	14	.....
	1914	1,337	(2)	(2)	79	967	244	23	18	6
OSSINING.....	1919	387	99	3	70	174	15	20	3	3
	1914	373	(2)	(2)	90	103	99	30	51	.....
OSWEGO.....	1919	4,470	6	.....	697	342	2,253	633	194	345
	1914	4,331	(2)	(2)	140	308	2,127	284	1,383	91
PEEKSKILL.....	1919	2,066	390	.....	1,356	81	220	19	.....	.....
	1914	1,781	(2)	(2)	109	57	774	303	19	519
PLATTSBURG.....	1919	787	.....	6	195	95	218	73	146	54
	1914	822	(2)	(2)	50	9	179	331	252	1
PORT CHESTER.....	1919	2,685	209	3	1,350	20	125	941	10	27
	1914	2,278	(2)	(2)	19	1,030	99	587	543	.....
PORT JERVIS ³	1919	2,003	151	52	111	682	21	986	.....	.....
POUGHKEEPSIE.....	1919	5,935	745	112	2,105	1,612	958	394	9	.....
	1914	4,729	(2)	(2)	301	1,037	2,398	854	116	23
RENSSELAER.....	1919	1,363	210	.....	450	228	7	400	68	.....
	1914	811	(2)	(2)	52	80	23	349	41	266
ROCHESTER.....	1919	63,792	11,176	1,533	36,556	9,374	3,921	863	203	166
	1914	44,113	(2)	(2)	4,450	24,546	11,458	2,656	920	74
ROME.....	1919	4,428	18	.....	315	3,572	189	39	295	.....
	1914	3,987	(2)	(2)	108	8	1,027	648	2,079	67
SARATOGA SPRINGS.....	1919	855	11	.....	119	576	27	88	27	7
	1914	869	(2)	(2)	98	4	582	32	154	19
SCHENECTADY.....	1919	21,062	33	.....	16,588	4,043	264	50	61	23
	1914	17,707	(2)	(2)	343	8,682	345	13,249	70	18
SYRACUSE.....	1919	28,153	1,476	517	6,987	11,486	3,411	3,729	507	40
	1914	17,551	(2)	(2)	2,408	2,124	8,241	2,856	1,750	112
TONAWANDA ³	1919	1,833	86	.....	605	35	313	412	382	.....
TROY.....	1919	15,929	696	5,902	2,263	4,694	1,380	787	180	27
	1914	17,421	(2)	(2)	815	942	12,070	1,125	2,363	106
UTICA.....	1919	16,423	920	64	10,345	1,790	2,159	987	158	.....
	1914	12,714	(2)	(2)	947	1,209	7,178	1,379	1,673	333
WATERTOWN.....	1919	3,914	1	1,154	341	144	574	1,335	292	73
	1914	3,148	(2)	(2)	185	33	890	1,527	252	261
WATERVILLE.....	1919	1,600	57	.....	418	28	319	806	.....	.....
	1914	759	(2)	(2)	80	28	374	164	113	.....
WHITE PLAINS.....	1919	329	138	.....	134	40	4	.....	2	11
	1914	316	(2)	(2)	86	35	52	.....	143	.....
YONKERS.....	1919	11,932	591	36	3,711	1,079	4,555	85	.....	1,875
	1914	12,650	(2)	(2)	323	277	10,279	277	23	1,471

¹ Includes 48 and under for 1914 and 1909.² Corresponding figures not available.³ Not shown separately in 1914.

MANUFACTURES—NEW YORK.

TABLE 10.—SIZE OF ESTABLISHMENTS, BY AVERAGE NUMBER OF WAGE EARNERS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—																	
	Establishments.	Wage earners (average number).	No wage earners.		1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.		Over 1,000 wage earners.	
			Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
All industries.....	49,330	1,228,130	6,847	21,448	49,973	11,648	134,160	5,227	169,598	2,107	148,875	1,309	204,318	432	151,320	206	143,050	106	220,236	
Agricultural implements.....	40	4,626	1	8	12	10	120	12	378	3	210	1	111	2	748	1	850	2	2,188	
Automobile bodies and parts.....	316	15,089	25	144	357	74	927	39	1,184	17	1,174	6	1,025	3	1,134	5	3,472	3	6,416	
Automobiles.....	28	14,794	—	1	3	2	23	11	396	3	189	2	314	4	1,494	2	1,250	3	11,125	
Automobile repairing.....	909	6,197	89	706	1,469	152	1,614	37	1,084	9	597	3	528	3	905	1	700	—	—	
Bookbinding and blank-book making.....	397	8,513	35	172	486	115	1,252	36	1,164	18	1,191	15	2,063	5	1,597	—	—	—	—	
Boots and shoes, not including rubber boots and shoes.....	340	34,710	10	85	227	76	888	65	2,149	42	2,898	33	5,152	16	5,278	10	7,289	3	10,829	
Boxes, paper and other, not elsewhere specified.....	387	14,509	5	70	215	141	1,844	103	3,237	43	2,881	21	3,334	2	583	—	—	2	2,415	
Brass, bronze, and copper products.....	213	10,746	16	78	205	55	627	33	999	14	1,033	12	1,676	1	312	—	—	4	5,864	
Bread and other bakery products.....	3,897	28,541	434	2,765	6,478	571	5,164	60	2,233	29	2,159	18	2,680	8	3,189	3	1,638	—	—	
Buttons.....	243	6,568	27	115	261	49	580	26	848	11	771	10	1,518	3	976	2	1,614	—	—	
Canning and preserving, fruits and vegetables.....	515	4,835	102	280	476	58	682	51	1,714	18	1,194	6	769	—	—	—	—	—	—	
Carpets and rugs, other than rag.....	10	9,073	—	—	—	—	—	—	—	1	78	4	662	1	388	1	648	3	7,297	
Cars and general shop construction and repairs by electric-railroad companies.....	53	5,656	—	19	61	10	132	11	360	2	148	6	1,031	2	674	2	1,516	1	1,704	
Cars and general shop construction and repairs by steam-railroad companies.....	136	30,427	—	6	21	13	174	26	875	21	1,600	39	6,573	16	5,525	9	6,097	6	9,562	
Chemicals.....	88	9,687	1	21	54	21	274	16	521	9	663	10	1,567	4	1,359	5	3,311	1	1,938	
Clothing, men's.....	2,537	62,008	191	817	2,099	836	10,261	450	14,603	145	9,842	62	10,355	15	5,152	9	6,301	3	3,395	
Clothing, women's.....	5,288	102,652	118	1,357	4,054	2,358	28,855	1,091	34,751	268	18,383	80	12,579	8	2,788	2	1,242	—	—	
Collars and cuffs, men's.....	31	10,020	1	4	10	7	66	2	70	7	629	3	584	2	673	3	1,887	2	7,101	
Confectionery and ice cream ¹	945	10,622	173	535	1,043	111	1,181	53	1,695	37	2,634	22	3,507	9	3,013	5	3,489	—	—	
Cotton goods.....	37	9,222	—	1	4	7	95	9	289	1	83	8	1,114	6	2,024	2	1,252	3	4,361	
Cutlery and edge tools.....	69	4,467	4	27	68	11	118	7	224	7	477	6	975	6	2,082	1	528	—	—	
Dyeing and finishing textiles, exclusive of that done in textile mills.....	133	6,076	8	29	79	54	620	22	764	6	480	7	1,040	6	2,192	1	901	—	—	
Electrical machinery, apparatus, and supplies.....	255	37,598	9	69	173	66	756	46	1,462	17	1,325	21	3,613	17	6,046	6	4,288	4	19,985	
Engines, steam, gas, and water.....	31	4,528	1	3	15	10	108	3	98	1	74	9	1,659	1	461	3	2,113	—	—	
Fancy articles, not elsewhere specified.....	345	5,913	30	135	362	102	1,175	58	1,871	11	732	8	1,306	1	407	2	1,659	1	1,992	
Food preparations, not elsewhere specified.....	372	4,516	63	213	420	61	639	15	472	9	668	8	1,075	3	1,277	—	—	—	—	
Foundry and machine-shop products.....	1,325	56,609	100	465	1,206	361	4,160	189	6,414	95	7,177	72	11,935	29	10,070	7	4,774	7	10,204	
Fur goods.....	1,218	8,890	162	699	1,716	275	3,071	62	2,060	16	1,050	3	431	1	562	—	—	—	—	
Furnishing goods, men's.....	256	5,061	34	83	210	65	705	45	1,452	17	1,233	10	1,414	1	338	1	600	—	—	
Furniture.....	685	22,062	52	245	614	103	1,874	114	3,830	59	4,279	40	5,906	8	2,761	4	2,802	1	810	
Gas, illuminating and heating.....	96	8,409	4	29	77	28	327	14	515	6	412	9	1,434	3	1,074	1	810	2	3,730	
Gloves and mittens, leather.....	219	5,510	18	64	174	67	822	40	1,417	17	1,080	11	1,460	2	542	—	—	—	—	
Hats, fur-felt.....	42	4,088	3	11	34	11	159	5	192	6	425	1	162	3	1,000	1	680	1	1,427	
Instruments, professional and scientific.....	132	5,497	12	48	127	35	410	16	450	9	650	7	1,158	3	1,173	2	1,529	—	—	
Iron and steel, steel works and rolling mills.....	30	17,001	—	—	—	1	15	2	77	5	400	7	1,304	5	1,090	3	2,017	7	11,999	
Iron and steel forgings, not made in steel works or rolling mills.....	30	4,081	1	6	15	6	81	—	—	6	446	6	977	2	700	3	1,796	—	—	
Jewelry.....	717	5,511	129	370	919	167	1,773	37	1,216	8	534	5	812	1	257	—	—	—	—	
Knit goods.....	682	41,372	41	221	614	192	2,103	73	2,497	51	3,711	66	10,197	23	8,297	12	8,090	3	5,164	
Leather goods, not elsewhere specified.....	244	4,410	20	86	230	70	875	44	1,450	10	750	8	1,105	15	2,330	3	1,041	—	1,748	
Leather, tanned, curried, and finished.....	94	7,056	2	20	51	18	227	17	541	18	1,112	15	2,330	2	730	1	556	—	—	
Liquors, malt.....	101	6,814	—	7	27	19	240	31	1,096	23	1,549	18	2,601	2	730	1	556	—	—	
Lithographing.....	136	6,075	28	21	61	27	314	24	744	18	1,290	14	2,133	3	1,274	1	850	—	—	
Lumber and timber products.....	849	5,494	85	619	1,070	97	908	29	876	10	696	7	1,084	2	791	—	—	—	—	
Lumber, planing-mill products, not including planing mills connected with sawmills.....	515	8,455	36	215	520	142	1,742	89	2,830	25	1,749	6	979	2	617	—	—	—	—	
Millinery and lace goods, not elsewhere specified.....	1,800	28,096	104	755	2,075	677	7,698	235	7,762	94	6,304	21	2,687	3	918	1	652	—	—	
Musical instruments, pianos.....	79	6,908	—	4	13	14	184	20	858	15	1,045	14	2,182	4	1,455	2	1,171	—	—	
Musical instruments, piano and organ materials.....	36	4,141	—	6	18	11	130	4	170	3	243	5	751	6	2,200	1	530	—	—	
Optical goods.....	101	6,130	6	43	102	31	349	10	303	4	237	1	102	5	1,729	—	1	3,308	—	
Paper and wood pulp.....	156	17,571	—	7	22	20	291	48	1,580	31	2,274	32	5,098	11	3,069	7	4,637	—	—	
Paper goods, not elsewhere specified.....	95	4,017	3	39	113	17	170	16	529	11	801	5	888	4	1,516	—	—	—	—	
Patent medicines and compounds.....	403	4,546	101	195	385	65	715	28	956	8	576	4	689	1	302	1	923	—	—	
Photographic materials.....	47	17,616	4	16	36	8	91	7	249	7	468	2	238	1	206	—	2	10,238	—	
Printing and publishing, book and job.....	2,536	26,096	684	1,100	2,572	496	5,415	175	5,551	44	3,220	23	3,537	12	4,550	2	1,242	—	—	
Printing and publishing, newspapers and periodicals.....	1,582	23,164	823	467	1,152	162	1,778	61	2,124	29	1,881	22	3,606	9	2,908	6	4,431	3	5,134	
Rubber tires, tubes, and rubber goods, not elsewhere specified.....	40	5,370	2	11	26	5	60	6	165	3	233	7	1,187	2	752	3	1,926	1	1,021	
Shipbuilding, steel.....	28	25,987	—	1	2	4	34	—	—	8	502	2	477	4	1,420	1	835	8	22,708	
Shipbuilding, wooden, including boat building.....	133	7,308	18	48	91	20	258	19	603	12	873	11	1,781	4	1,293	—	1	2,409	—	
Shirts.....	334	12,136	17	80	243	97	1,204	75	2,471	39	2,862	21	3,881	4	1,317	1	658	—	—	

¹Includes "chewing gum."

MANUFACTURES—NEW YORK.

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TABLE 10.—SIZE OF ESTABLISHMENTS, BY AVERAGE NUMBER OF WAGE EARNERS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919—Continued.

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—																	
	Establishments.	Wage earners (average number).	No wage earners.		1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.			
			Establishments.	Establishments.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.		
Silk goods.....	181	13,342	...	21	58	49	643	47	1,692	27	1,999	22	3,355	12	3,807	3	1,788	...	...
Slaughtering and meat packing.....	130	6,646	17	44	98	34	384	9	280	16	1,158	4	725	1	319	4	2,463	1	1,219	
Soap.....	56	4,159	7	27	70	10	142	5	139	2	153	2	305	1	376	...	...	2	2,974
Stamped and enameled ware, not elsewhere specified.....	74	8,059	1	16	48	25	305	10	285	4	250	10	1,642	4	1,337	2	1,522	2	2,661	
Steam fittings and steam and hot-water heating apparatus.....	36	5,114	...	12	24	10	119	4	137	2	125	5	864	1	473	1	568	1	2,804	
Structural ironwork, not made in steel works or rolling mills.....	301	4,872	24	147	382	87	986	25	771	10	810	4	555	4	1,368	3	2,359	2	3,930	
Sugar, refining, not including beet sugar.....	5	6,289	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tinware, not elsewhere specified.....	75	6,889	8	16	37	17	191	13	439	7	511	4	574	6	1,980	4	3,207	...	...
Tobacco, cigars and cigarettes.....	2,163	21,095	918	927	1,731	184	1,924	57	1,869	43	3,207	18	3,076	9	3,217	6	4,552	1	1,509	
Typewriters and supplies.....	36	5,400	2	9	24	11	108	3	111	6	396	1	171	3	2,083	2	2,507	...	...
Woolen and worsted goods.....	39	7,812	1	5	4	46	9	334	5	367	8	1,186	9	3,404	2	1,188	1	1,282		
All other industries.....	13,691	257,370	2,036	6,587	14,240	2,870	32,792	1,204	39,107	529	37,793	828	50,299	79	26,963	44	30,576	14	25,500	
Total for cities ¹	41,825	1,055,002	5,544	17,277	42,910	10,746	124,026	4,732	153,309	1,823	128,655	1,090	170,353	353	122,992	168	118,595	92	194,162	
ALBANY.....	382	11,216	53	175	403	74	811	39	1,293	16	1,134	18	3,214	4	1,210	1	644	2	2,507	
AMSTERDAM.....	117	10,713	14	54	105	18	192	7	248	3	241	9	1,271	4	1,374	6	4,332	2	2,950	
AUBURN.....	154	7,272	15	80	178	29	341	12	393	5	358	4	679	5	1,945	2	1,256	...	1,122	
BATAVIA.....	45	2,226	5	23	60	5	51	4	113	3	225	4	678	...	...	...	...	1	1,099
BEACON.....	35	2,162	2	10	22	11	124	4	150	1	95	3	542	4	1,229	...	...	...	...
BINGHAMTON.....	228	7,477	22	112	262	36	380	24	834	17	1,205	10	1,560	6	2,252	1	984	10	19,943	
BUFFALO.....	2,093	75,899	331	934	2,116	425	4,847	160	5,235	96	6,849	90	15,278	32	11,524	15	10,107	...	...
COHOES.....	93	5,013	13	23	52	20	269	13	420	13	1,012	7	1,058	3	832	...	1	1,342	...	
CORNING.....	45	3,517	6	19	52	8	77	4	163	3	235	3	437	1	272	...	1	2,281	...	
CORTLAND.....	59	3,013	7	24	351	9	102	9	290	5	320	3	547	1	328	...	1	1,075	...	
DUNKIRK.....	69	4,319	13	27	42	16	177	6	190	2	157	2	386	1	457	1	760	1	2,150	
ELMIRA.....	142	8,024	7	79	178	18	196	19	587	2	116	9	1,506	6	1,970	1	633	1	2,785	
FULTON.....	48	3,027	5	16	45	9	96	9	303	1	64	5	720	...	2	1,117	1	1,282	...	
GENEVA.....	48	2,428	6	20	64	7	75	4	138	4	272	4	561	2	789	1	529	...	...
GLEN'S FALLS.....	75	2,784	10	27	60	12	132	13	407	7	559	3	605	3	961	...	...	...	...
GLOVERSVILLE.....	206	5,612	15	65	161	58	716	40	1,371	12	796	14	2,020	2	542	...	...	...	...
HERKIMER.....	34	1,370	2	19	42	3	31	6	234	...	...	3	459	...	...	1	604	...	...
HORNELL.....	43	1,851	3	23	48	8	113	2	76	2	169	3	491	1	404	1	550	...	...
HUDSON.....	58	1,481	9	30	64	7	80	7	231	...	...	3	527	2	579	...	...	...	...
LION.....	14	5,215	3	5	14	1	20	1	46	1	57	...	...	...	1	580	2	4,498	...
ITHACA.....	72	1,090	18	21	56	20	238	6	177	4	266	1	184	2	769	...	...	...	...
JAMESTOWN.....	153	8,559	15	49	130	19	216	34	1,133	16	1,124	12	1,803	4	1,378	4	2,676	...	...
JOHNSTOWN.....	112	2,364	13	33	82	27	340	20	655	13	852	6	735	...	...	...	...	...	...
KINGSTON.....	121	3,903	5	57	122	22	295	15	490	13	1,013	6	1,018	3	965	...	...	...	...
LITTLE FALLS.....	51	3,688	4	21	45	0	118	4	156	5	350	3	419	3	1,054	2	1,546	...	...
LOCKPORT.....	108	4,074	13	41	94	22	264	19	667	4	252	6	1,021	2	761	1	1,015	...
MIDDLETON.....	78	2,162	11	34	83	16	208	7	234	6	497	2	245	1	311	1	584	...	...
MOUNT VERNON.....	159	2,746	22	78	177	28	351	20	620	5	331	4	627	2	640	...	...	...	...
NEW ROCHELLE.....	69	1,293	7	37	97	12	110	8	258	2	119	2	359	1	350	...	...	...	...
NEW YORK CITY.....	32,500	638,775	4,252	13,346	33,483	8,907	103,572	3,768	121,407	1,333	93,392	635	97,050	73	61,700	73	52,340	39	75,771	...
NEWBURGH.....	101	5,389	3	40	102	19	181	15	454	11	704	6	880	6	2,150	1	828	...	...
NIAGARA FALLS.....	186	12,238	34	71	180	29	328	15	515	16	1,196	9	1,404	5	2,010	5	3,766	2	2,839	...
NORTH TONAWANDA.....	65	4,366	2	26	55	0	110	12	418	5	352	7	1,249	2	624	2	1,558	...	...
OGDENSBURG.....	57	757	6	30	73	16	188	2	58	1	73	2	365	...	...	...	...	...	...
OLEAN.....	66	4,669	8	22	33	14	169	11	308	2	117	6	1,070	1	255	1	570	1	2,141	...
ONEIDA.....	47	1,207	7	20	32	9	107	4	104	2	126	4	551	1	287	1	1,012	...
ONEONTA.....	31	1,657	4	9	22	10	107	2	75	3	216	2	225	...	...	...	...	...	...
OSSINING.....	31	387	4	19	44	4	50	1	50	2	139	1	104	...	...	...	...	...	...
OSWEGO.....	69	4,470	11	18	47	10	112	11	356	4	209	9	1,393	5	1,743	1	520	...	...
PEEKSKILL.....	66	2,066	17	29	59	10	115	3	106	2	172	3	305	1	382	1	627	...	...
PLATTSBURG.....	39	787	5	15	40	11	123	1	40	5	343	2	241	...	...	...	...	...	...
PORT CHESTER.....	49	2,085	8	23	45	8	103	3	99	3	235	1	181	1	482	2	1,540	...	...
PORT JERVIS.....	35	2,003	2	17	30	7	93	3	96	2	151	3	348	1	299	1	986	...	...
POUGHKEEPSIE.....	156	5,935	18	60	135	34	394	25	919	7	487	9	1,421	2	700	...	1,433	...	...
RENSSELAER.....	22	1,363	4	8	19	5	65	...	...	1	62	2	427	2	700	...	...	...	...
ROCHESTER.....	1,367	63,702	182	581	1,394	265	3,127	156	5,035	66	4,790	71	11,255	24	8,768	16	12,072	6	17,351	
ROME.....	71	4,428	12	23	61	15	168	8	275	4	256	5	784	1	266	2	1,379	1	1,239	...
SARATOGA SPRINGS.....	40	855	10	18	50	7	73	1	21	2	149	1	141	1	421	2	19,540	...
SCHENECTADY.....	131	21,002	21	73	163	19	182	12	423	1	78	1	153	2	523	2	19,540	...
SYRACUSE.....	643	28,153	103	267	622	123	1,402	70	2,254	30	2,338	27	4,298	11	3,962	9	6,365	3	6,913	...
TONAWANDA.....	37	1,833	7	12	32	4	29	3	85	5	370	4	703	2	614	...	...	...	...
TROY.....	253	15,929	26	95	246	63	678	27	826	22	1,370</td									

MANUFACTURES—NEW YORK.

TABLE 11.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS: 1919, 1914, AND 1909.

VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.			
	1919		1914	1919		1914	1919	1914	1909	1919	1914	1909	
	All classes	49,330	48,203	44,935	1,228,130	1,057,857	1,003,981	\$8,867,004,906	\$3,814,661,114	\$3,309,490,192	\$3,923,700,987	\$1,706,053,753	\$1,512,585,850
Less than \$5,000	8,743	14,096	12,274	4,797	16,715	15,130	22,062,902	34,214,319	29,640,739	14,300,330	22,961,677	18,996,135	
\$5,000 to \$20,000	13,378	16,424	15,325	36,330	83,327	83,503	147,170,788	172,391,842	165,058,226	80,680,604	98,650,954	93,919,002	
\$20,000 to \$100,000	15,621	11,523	11,614	154,569	194,772	211,736	732,562,634	516,488,400	515,939,471	384,843,905	260,746,688	266,722,940	
\$100,000 to \$500,000	8,407	5,104	{ 5,252	{ 293,380	{ 453,654	{ 438,220	{ 1,804,735,736	{ 1,169,967,972	{ 1,412,874,684	{ 877,238,234	{ 720,791,337	{ 664,347,244	
\$500,000 to \$1,000,000	1,604	509	{ 5,252	{ 162,120	{ 309,389	{ 255,383	{ 1,163,970,076	{ 351,421,374	{ 1,245,968,072	{ 528,685,065	{ 596,903,097	{ 468,600,529	
\$1,000,000 and over	1,457	547	470	576,925	309,389	255,383	4,906,493,770	1,570,177,207					
PER CENT DISTRIBUTION.													
All classes	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than \$5,000	17.7	29.2	27.3	0.4	1.6	1.5	0.2	0.9	0.9	0.4	1.3	1.3	1.3
\$5,000 to \$20,000	27.1	34.1	34.1	3.0	8.9	8.8	1.7	4.5	4.0	2.2	5.8	6.2	6.2
\$20,000 to \$100,000	31.7	23.9	25.8	12.6	18.4	21.1	8.3	13.5	15.3	9.8	15.6	17.6	17.6
\$100,000 to \$500,000	17.2	10.6	{ 11.7	{ 23.9	{ 42.0	{ 43.7	{ 21.4	{ 30.7	{ 41.9	{ 22.4	{ 42.2	{ 43.9	{ 43.9
\$500,000 to \$1,000,000	3.4	1.1	{ 1.0	{ 13.2	{ 47.0	{ 29.2	{ 55.3	{ 41.2	{ 37.0	{ 51.8	{ 35.0	{ 31.0	{ 31.0
\$1,000,000 and over	3.0	1.1	1.0										

TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR SELECTED INDUSTRIES: 1919 AND 1914.

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.				
	1919		1914	Per cent distribution.		1919	Per cent distribution.		1919	Per cent distribution.		1919	1914	
	1919	1914	1914	1919	1914	1919	1919	1914	1919	1919	1914	1919	1914	
AGRICULTURAL IMPLEMENTS	40	50	100.0	100.0	4,626	5,392	100.0	100.0	\$20,421,308	\$14,576,694	100.0	100.0	\$10,481,614	\$7,503,489
Less than \$5,000	4	13	10.0	26.0	4	9	0.1	0.2	11,266	36,840	0.1	0.3	5,816	21,758
\$5,000 to \$20,000	9	7	22.5	14.0	42	63	0.9	1.2	109,180	95,426	0.5	0.6	70,187	54,377
\$20,000 to \$100,000	11	14	27.5	28.0	214	253	4.8	4.7	832,257	637,888	4.1	4.7	504,311	442,474
\$100,000 to \$500,000	11	11	27.5	22.0	1,571	743	12.3	13.8	1,924,141	2,214,344	11.3	15.2	1,823,716	1,249,167
\$500,000 to \$1,000,000	5	5	12.5	10.0	3,795	4,324	82.0	80.2	16,544,515	11,512,196	81.0	79.2	8,077,554	5,735,713
\$1,000,000 and over														
ARTIFICIAL FLOWERS	157	163	100.0	100.0	3,031	3,886	100.0	100.0	12,385,732	6,181,210	100.0	100.0	6,946,760	3,656,096
Less than \$5,000	15	32	9.6	19.6	8	60	0.3	1.5	40,950	76,621	0.3	1.2	29,455	51,707
\$5,000 to \$20,000	36	59	22.9	36.2	136	504	4.5	13.0	414,370	631,676	3.3	10.2	263,821	383,185
\$20,000 to \$100,000	70	54	44.6	33.1	863	1,536	28.5	30.5	3,504,975	2,405,162	23.3	38.9	1,993,091	1,301,258
\$100,000 to \$500,000	33	18	21.0	11.0	1,582	1,786	52.2	46.0	6,015,027	3,067,751	53.4	49.6	3,508,007	1,859,946
\$500,000 to \$1,000,000	3	1	1.9	-----	442	-----	14.6	-----	1,800,816	-----	14.6	-----	1,152,395	10.6
AUTOMOBILE BODIES AND PARTS	316	215	100.0	100.0	15,689	6,340	100.0	100.0	70,415,154	17,439,581	100.0	100.0	35,802,202	8,950,240
Less than \$5,000	38	43	12.0	20.0	25	44	0.2	0.7	108,971	123,068	0.2	0.7	71,832	89,140
\$5,000 to \$20,000	107	88	33.0	40.9	265	306	1.7	6.2	1,180,658	880,951	1.7	5.1	751,262	590,775
\$20,000 to \$100,000	110	50	31.8	23.3	1,397	822	8.9	13.0	5,320,107	2,104,825	7.0	12.1	3,130,841	3,283,700
\$100,000 to \$500,000	46	28	14.6	13.0	2,237	2,5078	14.3	80.1	9,314,757	7,437,121	13.2	42.6	4,727,004	3,703,156
\$500,000 to \$1,000,000	4	6	1.3	2.8	827	537	5.3	-----	3,157,699	8,844,616	4.5	39.5	1,593,739	4.4
\$1,000,000 and over	11	-----	3.5	-----	10,938	-----	69.7	-----	51,332,982	-----	72.9	-----	25,528,434	71.2
BAGS, OTHER THAN PAPER, NOT INCLUDING BAGS MADE IN TEXTILE MILLS	56	30	100.0	100.0	1,588	1,362	100.0	100.0	26,821,937	8,902,397	100.0	100.0	5,568,301	1,354,409
Less than \$5,000	5	8	19.6	16.7	124	34	1.5	2.5	13,270	-----	0.1	-----	9,875	0.7
\$5,000 to \$20,000	22	5	39.3	16.7	157	123	10.0	0.0	4,102,733	73,445	0.4	0.8	4,512,225	38,983
\$20,000 to \$100,000	11	6	19.6	20.0	261	2,100	16.6	88.1	1,000,723	228,142	3.7	2.5	321,730	116,787
\$100,000 to \$500,000	5	8	8.9	20.0	207	-----	13.2	-----	2,529,064	1,774,083	9.4	19.8	695,078	2,118,064
\$500,000 to \$1,000,000	7	-----	12.5	-----	919	-----	58.6	-----	3,471,740	8,873,457	12.9	70.7	699,224	12.6
\$1,000,000 and over									10,717,677	-----	73.5	-----	3,800,344	68.2
BOOKBINDING AND BLANK-BOOK MAKING	397	383	100.0	100.0	8,513	8,772	100.0	100.0	27,892,678	14,813,640	100.0	100.0	18,090,072	9,757,986
Less than \$5,000	71	133	17.9	34.7	50	258	0.6	2.9	183,896	370,387	0.7	2.5	150,757	313,745
\$5,000 to \$20,000	160	133	40.3	34.7	679	1,137	8.0	13.0	1,791,980	1,379,258	6.4	9.3	1,454,170	8.0
\$20,000 to \$100,000	111	87	28.0	22.7	1,750	2,494	20.6	28.4	1,920,896	3,811,113	20.6	25.9	3,480,219	2,628,788
\$100,000 to \$500,000	42	26	10.6	6.8	2,727	2,488	32.0	55.7	9,042,073	5,435,310	32.4	38.7	5,740,837	31.7
\$500,000 to \$1,000,000	9	4	2.8	1.0	1,512	-----	17.8	-----	5,645,579	3,787,272	20.2	25.6	3,590,785	19.8
\$1,000,000 and over	4	-----	1.0	-----	1,795	-----	21.1	-----	6,307,674	-----	22.6	-----	3,673,304	20.3
BOOTS AND SHOES, NOT INCLUDING RUBBER BOOTS AND SHOES	340	235	100.0	100.0	34,710	26,193	100.0	100.0	190,475,939	67,288,809	100.0	100.0	82,312,032	27,100,777
Less than \$5,000	23	33	6.8	14.0	13	69	0.3	0.3	55,845	95,856	(6)	0.1	30,004	57,162
\$5,000 to \$20,000	53	61	15.6	26.0	151	443	0.4	1.7	607,280	648,774	0.3	1.0	323,515	348,531
\$20,000 to \$100,000	100	62	29.4	26.4	1,162	1,933	3.3	7.4	5,452,701	3,788,770	2.9	5.6	2,603,369	1,695,530
\$100,000 to \$500,000	103	55	30.3	23.4	5,094	1,0,628	14.7	36.8	25,900,635	17,255,405	13.6	25.6	12,158,986	10,442,312
\$500,000 to \$1,000,000	24	8	7.1	3.4	3,491	14,120	10.1	-----	17,130,719	5,865,174	9.0	8.7	7,347,753	9.5
\$1,000,000 and over	37	16	10.9	6.8	24,790	14,120	71.4	-----	141,238,779	39,634,740	74.2	58.9	50,348,405	14,557,342

¹ Includes the group "Less than \$5,000,000."² Includes the groups "\$500,000 to \$1,000,000" and "\$1,000,000 and over."³ Includes the group "\$1,000,000 and over."⁴ Includes the group "Less than \$5,000."⁵ Less than one-tenth of 1 per cent.

MANUFACTURES—NEW YORK.

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TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR SELECTED INDUSTRIES: 1919 AND 1914—Contd.

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.					
	1919		1914		Per cent distribution.		1919		1914		Per cent distribution.		1919		1914		Per cent distribution.	
	1919	1914	1919	1914	1919	1914	1919	1914	1919	1914	1919	1914	1919	1914	1919	1914	1919	1914
BOXES, PAPER AND OTHER, NOT ELSEWHERE SPECIFIED...	387	331	100.0	100.0	14,509	14,192	100.0	100.0	\$53,164,253	\$21,692,035	100.0	100.0	\$30,439,514	\$12,043,705	100.0	100.0		
Less than \$5,000.....	20	32	5.2	9.7	36	88	0.2	0.6	54,052	89,291	0.1	0.4	35,671	57,897	0.1	0.5		
\$5,000 to \$20,000.....	47	86	12.1	26.0	181	820	1.2	5.8	542,892	1,095,533	1.0	5.1	311,732	630,638	1.0	5.2		
\$20,000 to \$100,000.....	205	171	53.0	51.7	3,589	5,561	24.7	39.2	10,803,096	7,888,431	20.3	36.4	6,180,017	4,437,424	20.3	36.8		
\$100,000 to \$500,000.....	98	142	25.3	12.7	5,685	17,723	30.2	54.4	20,117,075	12,618,830	37.9	58.2	11,306,317	16,917,746	37.1	57.4		
\$500,000 to \$1,000,000.....	12	-----	3.1	-----	1,826	-----	12.6	-----	8,324,388	-----	15.7	-----	4,284,835	-----	14.1	-----		
\$1,000,000 and over.....	5	-----	1.3	-----	3,192	-----	22.0	-----	13,292,750	-----	25.0	-----	8,320,942	-----	27.3	-----		
BRASS, BRONZE, AND COPPER PRODUCTS.....	213	228	100.0	100.0	10,746	6,627	100.0	100.0	66,562,045	23,964,582	100.0	100.0	26,596,919	8,749,789	100.0	100.0		
Less than \$5,000.....	24	63	11.3	27.6	8	56	0.1	0.8	70,039	168,563	0.1	0.7	43,835	106,313	0.2	1.2		
\$5,000 to \$20,000.....	46	65	21.6	28.5	114	252	1.1	3.8	486,053	666,921	0.7	2.8	257,311	369,895	1.0	4.2		
\$20,000 to \$100,000.....	80	69	37.6	30.3	825	1,133	7.7	17.1	3,752,489	3,010,561	5.6	12.6	2,088,479	1,491,672	7.9	17.0		
\$100,000 to \$500,000.....	46	24	21.6	10.5	2,183	2,928	20.3	44.2	9,349,507	6,654,162	14.0	27.8	4,551,315	2,3971,489	17.1	45.4		
\$500,000 to \$1,000,000.....	7	3	3.8	1.3	762	-----	7.1	-----	4,387,561	1,927,493	6.6	8.0	2,028,796	-----	7.6	-----		
\$1,000,000 and over.....	10	4	4.7	1.8	6,854	2,258	63.8	34.1	48,516,396	11,530,882	72.9	48.1	17,027,183	2,810,420	66.3	32.1		
BREAD AND OTHER BAKERY PRODUCTS.....	3,807	4,249	100.0	100.0	28,541	27,002	100.0	100.0	233,206,886	109,227,959	100.0	100.0	96,036,403	49,593,070	100.0	100.0		
Less than \$5,000.....	301	778	7.7	18.3	144	560	0.5	2.1	920,280	2,324,913	0.4	2.1	254,136	1,000,138	0.3	2.0		
\$5,000 to \$20,000.....	1,580	2,541	40.5	59.8	2,180	7,155	7.6	26.5	18,935,254	27,979,065	8.1	25.6	7,069,081	11,522,327	7.4	23.2		
\$20,000 to \$100,000.....	1,800	821	46.2	19.3	8,230	19,287	28.8	71.4	69,807,720	27,049,879	29.9	25.3	24,809,584	37,070,605	25.8	74.7		
\$100,000 to \$500,000.....	159	95	4.1	2.2	3,483	-----	12.2	-----	31,930,796	24,256,015	13.7	22.2	11,743,849	-----	12.2	-----		
\$500,000 to \$1,000,000.....	28	14	0.7	0.3	2,370	-----	8.3	-----	18,758,076	127,017,487	8.0	24.7	7,295,169	-----	7.6	-----		
\$1,000,000 and over.....	29	-----	0.7	-----	12,125	-----	42.5	-----	92,854,700	-----	39.8	-----	44,584,584	-----	46.7	-----		
CANNING AND PRESERVING, FRUITS AND VEGETABLES.....	515	804	100.0	100.0	4,835	6,430	100.0	100.0	26,634,556	14,858,087	100.0	100.0	10,227,594	6,180,751	100.0	100.0		
Less than \$5,000.....	231	607	44.9	70.3	83	812	1.7	12.6	452,335	1,027,010	1.7	6.9	186,718	588,541	1.8	9.5		
\$5,000 to \$20,000.....	123	160	23.9	18.5	288	935	6.0	14.5	1,253,624	1,415,293	4.7	9.5	450,510	783,340	4.5	12.7		
\$20,000 to \$100,000.....	88	55	17.1	6.4	952	1,256	19.7	19.5	4,307,926	2,999,886	16.2	20.2	1,512,346	1,105,278	14.8	17.9		
\$100,000 to \$500,000.....	66	39	12.8	4.5	2,677	2,436	55.4	53.4	14,858,666	7,301,381	56.0	40.2	5,872,774	2,3709,594	57.4	60.0		
\$500,000 to \$1,000,000.....	17	3	1.4	0.3	1,835	-----	17.3	-----	15,602,005	2,111,487	21.3	14.2	1,2199,246	-----	21.5	-----		
CHEESE.....	598	821	100.0	100.0	1,002	909	100.0	100.0	26,539,612	15,133,816	100.0	100.0	3,180,480	1,416,175	100.0	100.0		
Less than \$5,000.....	28	61	4.7	7.4	12	27	1.2	3.0	91,203	221,210	0.3	1.5	17,386	22,059	0.5	1.6		
\$5,000 to \$20,000.....	188	547	31.4	66.6	120	323	12.0	35.5	2,628,458	6,290,616	9.9	41.5	161,023	476,502	5.1	33.6		
\$20,000 to \$100,000.....	347	174	58.0	21.2	399	229	39.8	25.2	14,472,011	5,392,003	54.5	35.6	1,275,425	446,009	40.1	31.5		
\$100,000 to \$500,000.....	31	39	5.2	4.8	283	2,330	28.2	36.3	6,027,965	2,339,987	22.7	21.4	1,133,785	471,005	35.6	33.3		
\$500,000 and over.....	4	-----	0.7	-----	188	-----	18.8	-----	3,324,885	-----	12.5	-----	592,861	-----	18.6	-----		
CHEMICALS.....	88	70	100.0	100.0	9,687	7,780	100.0	100.0	88,101,532	42,876,880	100.0	100.0	37,230,140	16,624,801	100.0	100.0		
Less than \$5,000.....	3	4	3.4	5.7	2	3	(1)	(1)	8,726	10,335	(1)	(1)	4,158	4,028	(1)	(1)		
\$5,000 to \$20,000.....	8	6	9.1	8.6	16	22	0.2	0.3	78,053	69,554	0.1	0.2	34,749	46,910	0.1	0.3		
\$20,000 to \$100,000.....	17	17	19.3	24.3	202	271	2.1	3.5	932,231	1,070,975	1.1	2.5	431,781	588,543	1.2	3.5		
\$100,000 to \$500,000.....	32	24	36.4	34.3	852	2,034	8.8	26.1	8,190,455	5,320,783	9.3	12.4	4,338,523	2,4304,946	11.7	25.0		
\$500,000 to \$1,000,000.....	11	8	12.5	11.4	904	7,711	9.3	70.1	6,804,948	5,625,082	7.8	13.1	3,184,258	-----	8.6	-----		
\$1,000,000 and over.....	17	11	19.3	15.7	5,450	79.6	70.1	70.1	72,027,119	30,780,141	81.8	71.8	29,230,671	11,680,385	78.5	70.3		
CLOTHING, MEN'S.....	2,537	2,357	100.0	100.0	62,008	64,927	100.0	100.0	544,054,257	197,368,800	100.0	100.0	265,437,815	102,777,140	100.0	100.0		
Less than \$5,000.....	171	359	6.7	15.2	204	1,477	0.3	2.3	467,995	1,012,084	0.1	0.5	391,717	890,703	0.1	0.9		
\$5,000 to \$20,000.....	525	914	20.7	38.8	3,048	13,979	4.9	21.5	6,314,743	9,729,044	1.2	4.9	5,401,785	8,554,663	2.0	8.3		
\$20,000 to \$100,000.....	928	681	38.6	28.9	15,329	16,669	24.7	25.7	45,642,205	31,149,540	8.4	15.8	33,882,486	19,004,005	12.8	18.5		
\$100,000 to \$500,000.....	602	332	26.1	14.1	15,873	19,942	25.6	30.7	154,170,427	72,005,721	28.3	30.5	73,520,435	24,734,475	27.7	46.1		
\$500,000 to \$1,000,000.....	149	43	5.9	1.8	6,964	-----	11.2	-----	106,757,416	29,206,064	19.6	14.8	44,324,560	-----	16.7	-----		
\$1,000,000 and over.....	102	28	4.0	1.2	20,590	12,860	33.2	19.8	230,701,471	54,266,447	42.4	27.5	107,916,832	26,987,294	40.7	26.3		
CLOTHING, WOMEN'S.....	5,288	3,835	100.0	100.0	102,652	108,303	100.0	100.0	886,083,509	345,315,642	100.0	100.0	393,555,079	161,635,588	100.0	100.0		
Less than \$5,000.....	340	425	6.4	11.1	397	1,545	0.4	1.4	860,862	1,210,768	0.1	0.4	658,110	971,636	0.2	0.6		
\$5,000 to \$20,000.....	1,013	998	19.2	26.0	5,373	10,439	5.2	9.6	11,693,301	10,005,735	1.3	3.1	8,882,140	7,657,369	2.3	4.7		
\$20,000 to \$100,000.....	1,918	1,439	36.3	37.5	24,300	29,127	23.7	26.9	96,215,209	73,137,547	10.8	21.2	54,272,498	34,978,504	13.8	21.6		
\$100,000 to \$500,000.....	1,647	878	31.1	22.9	44,320	401,181	43.2	56.4	380,519,929	179,130,393	42.9	51.9	146,920,303	103,073,972	37.3	63.8		
\$500,000 to \$1,000,000.....	254	72	4.8	1.9	15,917	6,101	15.5	-----	174,419,875	47,028,866	19.7	13.9	69,841,074	14,954,107	17.7	28.7		
\$1,000,000 and over.....	116																	

MANUFACTURES—NEW YORK.

TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR SELECTED INDUSTRIES: 1919 AND 1914—Contd.

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919		Per cent distribution.		1919		Per cent distribution.		1919		Per cent distribution.		1919		Per cent distribution.	
			1919	1914			1919	1914			1919	1914			1919	1914
	255	215	100.0	100.0	37,598	23,738	100.0	100.0	\$179,972,580	\$73,944,708	100.0	100.0	\$106,133,330	\$35,919,049	100.0	100.0
ELECTRICAL MACHINERY, APPARATUS, AND SUPPLIES.....																
Less than \$5,000.....	17	30	6.7	16.7	10	49	(1)	0.2	48,751	102,474	(1)	0.1	35,092	66,132	(1)	0.2
\$5,000 to \$20,000.....	50	63	19.6	29.3	172	288	0.5	1.2	563,772	641,805	0.3	0.9	330,611	409,833	0.3	1.1
\$20,000 to \$100,000.....	82	54	32.2	25.1	1,079	1,063	2.9	4.5	3,981,377	2,598,587	2.2	3.5	2,213,933	1,565,206	2.1	4.4
\$100,000 to \$500,000.....	58	46	22.7	21.4	3,014	2,23,338	8.0	94.1	13,788,331	11,177,802	7.7	15.1	6,713,862	23,878,778	6.3	94.3
\$500,000 to \$1,000,000.....	23	16	9.0	7.4	3,008	.....	10.4	.....	16,498,505	3,59,423,980	9.2	80.4	9,578,349	.....	9.0	.....
\$1,000,000 and over.....	25	.....	9.8	.....	29,415	.....	78.2	.....	145,091,844	.....	80.6	.....	87,261,483	.....	82.2	.....
FANCY ARTICLES, NOT ELSEWHERE SPECIFIED.....	345	235	100.0	100.0	5,943	2,928	100.0	100.0	30,949,260	7,446,561	100.0	100.0	14,504,069	3,648,785	100.0	100.0
Less than \$5,000.....	49	70	14.2	29.8	25	99	0.4	3.4	114,723	185,332	0.4	2.5	74,352	131,084	0.5	3.6
\$5,000 to \$20,000.....	80	89	23.2	37.9	270	503	4.5	17.2	900,211	896,955	2.0	12.0	566,810	542,024	3.8	14.9
\$20,000 to \$100,000.....	136	57	39.4	24.3	1,917	1,122	32.3	38.3	6,699,874	2,390,191	21.6	32.1	3,489,286	1,310,577	24.1	35.9
\$100,000 to \$500,000.....	67	19	19.4	8.1	2,060	4,1,204	34.7	41.1	13,111,148	4,3,974,083	42.4	53.4	6,023,297	4,1,665,100	41.5	45.6
\$500,000 and over.....	13	.....	3.8	.....	1,671	.....	28.1	.....	10,123,304	.....	32.7	.....	4,360,315	.....	30.1	.....
FLOUR-MILL AND GRIST-MILL PRODUCTS.....	716	891	100.0	100.0	3,012	3,070	100.0	100.0	155,272,104	77,408,764	100.0	100.0	19,638,376	9,986,003	100.0	100.0
Less than \$5,000.....	38	67	5.3	7.5	6	30	0.2	1.0	121,433	215,623	0.1	0.3	30,064	39,158	0.2	0.4
\$5,000 to \$20,000.....	216	442	30.2	49.6	109	415	3.6	13.5	2,702,626	5,260,761	1.7	6.8	464,961	913,018	2.4	9.1
\$20,000 to \$100,000.....	348	301	48.6	33.8	550	650	18.3	21.2	15,507,318	11,673,969	10.0	15.1	2,534,270	1,816,655	12.9	18.2
\$100,000 to \$500,000.....	80	64	11.2	7.2	462	4,704	15.3	22.9	10,615,686	15,076,077	10.7	19.5	2,502,169	4,2,187,122	12.7	21.9
\$500,000 to \$1,000,000.....	16	5	2.2	0.6	218	.....	7.2	.....	10,812,964	3,231,518	7.0	4.2	1,273,691	.....	6.5	.....
\$1,000,000 and over.....	18	12	2.5	1.3	1,667	1,271	55.3	41.4	109,422,077	41,050,810	70.5	54.2	12,833,212	5,030,020	65.3	50.4
FOOD PREPARATIONS, NOT ELSEWHERE SPECIFIED.....	372	287	100.0	100.0	4,546	4,031	100.0	100.0	77,336,149	32,165,811	100.0	100.0	25,165,813	11,714,640	100.0	100.0
Less than \$5,000.....	44	72	11.8	25.1	14	54	0.3	1.3	106,495	179,425	0.1	0.6	46,566	90,572	0.2	0.8
\$5,000 to \$20,000.....	132	107	35.5	37.3	146	293	3.2	7.3	1,550,680	1,091,247	2.0	3.4	524,048	458,770	2.1	3.9
\$20,000 to \$100,000.....	126	51	33.0	17.8	554	425	12.2	10.5	5,412,521	2,072,930	7.0	6.4	1,724,208	688,664	6.9	5.9
\$100,000 to \$500,000.....	42	45	11.3	15.7	703	4,2,256	16.8	56.0	9,238,123	12,107,542	11.9	37.6	3,108,245	4,642,182	12.3	30.6
\$500,000 to \$1,000,000.....	11	6	3.0	2.1	444	.....	9.8	.....	7,634,534	4,396,504	9.9	13.7	1,904,147	.....	7.6	.....
\$1,000,000 and over.....	17	6	4.6	2.1	2,625	1,003	57.7	24.9	53,396,787	12,318,103	69.0	38.3	17,802,599	5,834,452	71.0	49.7
FOUNDRY AND MACHINE-SHOP PRODUCTS ⁵	1,435	1,501	100.0	100.0	59,125	40,761	100.0	100.0	260,777,358	102,896,817	100.0	100.0	163,565,347	65,416,166	100.0	100.0
Less than \$5,000.....	196	436	13.7	29.0	99	514	0.2	1.3	533,822	1,217,628	0.2	1.2	394,361	907,217	0.2	1.4
\$5,000 to \$20,000.....	372	496	25.9	33.0	1,246	2,305	2.1	5.9	4,214,374	5,005,036	1.6	4.9	2,838,857	3,429,963	1.7	5.2
\$20,000 to \$100,000.....	473	370	33.0	24.7	5,880	7,542	10.0	18.5	22,065,551	10,664,700	8.7	10.2	14,420,214	10,564,048	8.8	16.1
\$100,000 to \$500,000.....	280	175	19.5	11.7	14,915	4,20,162	25.2	49.5	62,800,723	39,165,373	24.1	38.1	37,913,382	4,28,294,813	23.2	43.3
\$500,000 to \$1,000,000.....	57	10	4.0	0.7	9,108	.....	15.4	.....	41,706,385	7,046,736	16.0	7.4	24,726,847	.....	15.1	.....
\$1,000,000 and over.....	57	14	4.0	0.9	27,871	10,148	47.1	24.9	128,850,503	33,197,335	49.4	32.3	83,271,080	22,220,125	60.9	34.0
FUR GOODS.....	1,218	877	100.0	100.0	8,800	5,904	100.0	100.0	134,219,100	30,312,136	100.0	100.0	50,400,606	13,400,100	100.0	100.0
Less than \$5,000.....	151	208	12.4	23.7	56	227	0.6	3.8	457,792	573,414	0.3	1.9	324,094	303,733	0.6	2.9
\$5,000 to \$20,000.....	304	316	25.0	36.0	484	918	5.4	15.5	3,472,163	3,294,201	2.6	10.0	2,134,268	1,687,448	4.2	12.5
\$20,000 to \$100,000.....	438	283	36.0	32.3	1,623	2,389	18.3	40.5	21,088,257	12,362,418	16.2	40.8	8,387,429	5,369,616	16.6	39.8
\$100,000 to \$500,000.....	275	66	22.6	7.5	3,682	4,2,370	41.4	40.1	50,564,700	11,745,433	42.1	38.7	20,628,214	4,0,630,303	40.9	44.8
\$500,000 to \$1,000,000.....	31	4	2.5	0.5	1,230	.....	13.0	.....	21,328,346	2,330,580	15.0	7.7	7,484,080	.....	14.9	.....
\$1,000,000 and over.....	19	.....	1.6	.....	1,809	.....	20.3	.....	30,707,830	.....	22.9	.....	11,462,521	.....	22.7	.....
FURNISHING GOODS, MEN'S.....	256	235	100.0	100.0	5,961	6,553	100.0	100.0	53,260,883	23,205,074	100.0	100.0	20,020,724	9,402,447	100.0	100.0
Less than \$5,000.....	28	30	10.9	12.8	30	102	0.5	1.6	77,372	82,853	0.1	0.4	58,186	64,024	0.3	0.7
\$5,000 to \$20,000.....	54	57	21.1	24.3	253	346	4.2	5.3	570,507	651,024	1.1	2.8	365,378	382,603	1.8	3.9
\$20,000 to \$100,000.....	60	90	23.4	38.3	464	2,019	7.8	30.8	3,384,825	5,082,107	6.4	21.0	1,292,132	2,257,203	6.5	24.0
\$100,000 to \$500,000.....	85	49	33.2	20.9	2,062	4,4,086	34.6	62.4	19,418,078	11,485,981	36.4	49.5	6,974,943	4,0,718,497	34.8	71.5
\$500,000 to \$1,000,000.....	19	9	7.4	3.8	1,123	.....	18.8	.....	13,148,219	5,902,509	24.7	26.4	5,035,070	.....	25.1	.....
\$1,000,000 and over.....	10	.....	3.9	.....	2,020	.....	34.0	.....	16,686,792	.....	31.3	.....	6,295,035	.....	31.4	.....
FURNITURE.....	685	729	100.0	100.0	22,062	21,497	100.0	100.0	100,784,770	48,130,472	100.0	100.0	55,061,010	28,923,770	100.0	100.0
Less than \$5,000.....	75	158	10.9	21.7	38	179	0.2	0.8	191,885	437,384	0.2	0.9	119,530	305,885	0.2	1.1
\$5,000 to \$20,000.....	160	226	23.4	31.0	393	1,222	1.8	5.7	1,763,792	2,417,503	1.7	5.0	1,026,051	1,528,124	1.9	5.7
\$20,000 to \$100,000.....	232	213	33.9	29.2	2,027	4,725	11.9	22.0	11,410,062	10,122,110	11.3	21.0	6,203,803	5,737,074	11.3	21.3
\$100,000 to \$500,000.....	177	313	25.8	18.1	9,269	315,371	42.0	71.5	40,494,090	35,162,475	40.2	73.0	22,627,303	10,352,687	41.1	71.9
\$500,000 to \$1,000,000.....	23	.....	3.4	.....	3,412	.....	15.5	.....	15,250,391	.....	15.1	.....	8,507,557	.....	15.6	.....
\$1,000,000 and over.....	18	2.6	6,323	28.7	31,660,741	31.4	16,517,660	30.0
GLOVES AND MITTENS, LEATHER.....	219	21														

MANUFACTURES—NEW YORK.

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TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR SELECTED INDUSTRIES: 1919 AND 1914—Contd.

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919		1914		Per cent distribution.		1919		1914		Per cent distribution.		1919		1914	
	1919	1914	1919	1914	1919	1914	1919	1914	1919	1914	1919	1914	1919	1914	1919	1914
HATS AND CAPS, OTHER THAN FELT, STRAW, AND WOOL.....	349	293	100.0	100.0	3,514	4,187	100.0	100.0	\$22,028,409	\$10,945,900	100.0	100.0	\$10,059,855	\$5,522,703	100.0	100.0
Less than \$5,000.....	56	60	16.0	20.5	13	99	0.4	2.4	138,783	149,463	0.6	1.4	92,716	108,820	0.9	2.0
\$5,000 to \$20,000.....	90	100	25.8	34.1	202	605	5.8	14.4	978,562	1,053,289	4.4	9.7	538,067	598,364	5.3	10.8
\$20,000 to \$100,000.....	149	109	42.7	37.2	1,222	1,675	34.8	40.0	6,775,104	4,075,094	30.8	37.2	3,229,267	2,032,225	32.1	36.8
\$100,000 to \$500,000.....	47	124	13.5	8.2	1,308	1,808	37.2	43.2	9,026,817	5,663,054	41.0	51.7	3,616,722	1,2,783,294	36.0	50.4
\$500,000 to \$1,000,000.....	7	—	2.0	—	769	—	21.9	—	5,113,143	—	23.2	—	2,583,083	—	25.7	—
HOUSE-FURNISHING GOODS, NOT ELSEWHERE SPECIFIED.....	185	143	100.0	100.0	2,771	2,753	100.0	100.0	25,466,855	10,907,901	100.0	100.0	7,451,829	2,849,557	100.0	100.0
Less than \$5,000.....	20	32	10.8	22.4	9	24	0.3	0.9	56,104	78,035	0.2	0.7	32,007	44,658	0.4	1.6
\$5,000 to \$20,000.....	45	49	24.3	34.3	111	160	4.0	5.8	540,996	513,733	2.1	4.7	273,587	215,147	3.7	7.6
\$20,000 to \$100,000.....	68	44	36.8	30.8	516	706	18.6	25.6	3,563,267	2,190,387	14.0	20.1	1,357,673	825,749	18.2	29.0
\$100,000 to \$500,000.....	45	15	24.3	10.5	949	2,1863	34.2	67.7	10,439,523	2,587,465	41.0	23.7	3,332,733	1,764,003	44.7	61.9
\$500,000 and over.....	7	3	3.8	2.1	1,186	—	42.8	—	10,866,965	5,638,221	42.7	50.8	2,456,829	—	33.0	—
INSTRUMENTS, PROFESSIONAL AND SCIENTIFIC.....	132	88	100.0	100.0	5,497	2,243	100.0	100.0	21,165,135	5,367,989	100.0	100.0	14,747,053	3,727,863	100.0	100.0
Less than \$5,000.....	18	28	13.6	31.8	11	36	0.2	1.6	50,768	69,129	0.2	1.3	38,583	51,952	0.3	1.4
\$5,000 to \$20,000.....	36	26	27.3	29.5	122	119	2.2	5.3	404,259	281,521	1.9	5.3	276,424	211,184	1.9	5.7
\$20,000 to \$100,000.....	46	24	34.8	27.3	634	423	11.5	18.9	2,166,080	1,065,822	10.2	19.9	1,443,410	820,512	9.8	22.0
\$100,000 to \$500,000.....	22	10	16.7	11.4	1,088	1,665	19.8	74.2	4,757,633	1,948,517	22.5	73.6	2,783,986	1,2,644,215	18.9	70.9
\$500,000 to \$1,000,000.....	6	—	4.5	—	1,576	—	28.7	—	4,447,792	—	21.0	—	3,301,249	—	22.4	—
\$1,000,000 and over.....	4	—	3.0	—	2,066	—	37.6	—	9,338,603	—	44.1	—	6,903,401	—	46.8	—
KNIT GOODS.....	682	483	100.0	100.0	41,372	40,095	100.0	100.0	195,376,641	78,229,235	100.0	100.0	\$0,410,803	34,369,856	100.0	100.0
Less than \$5,000.....	61	70	8.9	14.5	35	136	0.1	0.3	100,078	208,101	0.1	0.3	101,949	131,723	0.1	0.4
\$5,000 to \$20,000.....	128	135	18.8	28.0	380	811	0.9	2.0	1,359,326	1,544,898	0.7	2.0	873,067	714,599	1.1	2.1
\$20,000 to \$100,000.....	215	128	31.5	26.5	2,650	2,920	6.4	7.3	10,866,410	5,989,023	5.6	7.7	4,700,978	2,426,975	5.9	7.1
\$100,000 to \$500,000.....	181	115	26.5	23.8	8,743	19,205	21.1	47.9	42,189,524	26,017,265	22.1	33.3	16,558,427	1,14,845,024	20.6	43.2
\$500,000 to \$1,000,000.....	52	16	7.6	3.3	7,418	—	17.9	—	35,801,831	10,665,650	18.3	13.6	13,010,965	16,250,435	16.2	56.2
\$1,000,000 and over.....	45	19	6.6	3.9	22,137	17,023	53.5	42.5	33,804,238	53.2	43.2	—	2,434,549	—	18.6	—
LEATHER GOODS, NOT ELSEWHERE SPECIFIED.....	244	174	100.0	100.0	4,410	3,539	100.0	100.0	30,322,284	9,894,716	100.0	100.0	13,088,119	4,569,808	100.0	100.0
Less than \$5,000.....	23	30	9.4	17.2	10	49	0.2	1.4	49,869	78,169	0.2	0.8	34,328	48,673	0.3	1.1
\$5,000 to \$20,000.....	59	36	24.2	20.7	135	187	3.1	5.3	833,970	378,565	2.1	3.8	340,270	160,218	2.6	3.6
\$20,000 to \$100,000.....	85	76	34.8	43.7	810	1,264	18.6	35.4	3,079,027	3,049,740	13.1	30.8	1,386,905	1,397,910	14.4	30.6
\$100,000 to \$500,000.....	60	32	24.6	18.4	1,795	2,049	40.7	57.9	11,170,446	6,388,242	36.8	64.6	4,994,525	2,957,007	38.2	64.7
\$500,000 to \$1,000,000.....	12	—	4.9	—	1,116	—	25.3	—	7,519,417	—	24.8	—	3,397,542	—	26.0	—
\$1,000,000 and over.....	5	—	2.0	—	535	—	12.1	—	6,969,555	—	23.0	—	2,434,549	—	18.6	—
LEATHER, TANNED, CURED, AND FINISHED.....	94	98	100.0	100.0	7,056	5,360	100.0	100.0	98,094,503	36,018,342	100.0	100.0	27,607,514	8,106,071	100.0	100.0
Less than \$5,000.....	6	17	6.4	17.3	5	22	0.1	0.4	16,555	44,637	(3)	0.1	13,809	32,175	0.1	0.4
\$5,000 to \$20,000.....	14	10	14.9	10.2	43	67	0.6	1.2	141,536	88,105	0.1	0.2	116,538	67,225	0.4	0.8
\$20,000 to \$100,000.....	13	27	13.8	27.6	217	654	3.1	12.2	669,993	1,268,060	0.7	3.5	396,514	599,334	1.4	7.4
\$100,000 to \$500,000.....	30	28	31.9	28.6	1,089	1,215	15.4	43.2	7,863,190	6,372,209	8.0	17.7	2,391,810	1,2,832,473	10.5	34.9
\$500,000 to \$1,000,000.....	10	8	10.6	8.2	701	—	9.9	—	7,391,893	5,682,738	7.5	15.8	2,439,435	—	8.9	—
\$1,000,000 and over.....	21	8	22.3	8.2	5,001	2,302	70.9	42.9	82,006,336	22,562,593	83.6	82.6	21,729,408	4,574,864	78.7	56.4
LIQUORS, MALT.....	101	153	100.0	100.0	6,814	9,826	100.0	100.0	99,490,650	85,073,426	100.0	100.0	78,544,107	61,178,607	100.0	100.0
\$5,000 to \$20,000.....	10	46	—	3.9	412	—	0.1	—	4,326,990	4,33,994	—	—	4,24,960	—	—	—
\$20,000 to \$100,000.....	10	29	9.9	19.0	360	307	0.7	3.7	1,697,962	1,697,962	0.3	2.0	1,157,176	1,130,003	0.2	1.8
\$100,000 to \$500,000.....	37	84	36.6	54.9	969	1,455,553	14.2	46.3	10,149,830	29,367,179	10.2	34.3	7,213,841	1,27,090,155	9.2	44.3
\$500,000 to \$1,000,000.....	23	11	22.8	7.2	1,274	4,901	66.4	49.9	16,196,407	8,267,904	16.3	9.7	12,467,679	—	15.9	—
\$1,000,000 and over.....	31	23	30.7	15.0	4,522	—	—	—	72,823,432	46,306,387	73.2	54.0	58,705,471	32,933,549	74.7	53.8
LITHOGRAPHING.....	136	146	100.0	100.0	6,675	6,503	100.0	100.0	30,543,890	18,055,785	100.0	100.0	19,848,119	11,128,613	100.0	100.0
Less than \$5,000.....	26	29	19.1	10.9	3	10	(3)	0.2	59,888	56,834	0.2	0.3	57,281	48,851	0.3	0.4
\$5,000 to \$20,000.....	20	33	14.7	22.6	67	178	1.0	2.7	244,130	394,025	0.8	2.3	200,123	308,558	1.0	2.8
\$20,000 to \$100,000.....	31	44	22.8	30.1	467	794	7.0	12.2	1,464,985	2,033,601	4.8	12.0	1,077,769	1,411,605	5.4	12.7
\$100,000 to \$500,000.....	40	37	20.4	25.3	1,089	3,470	29.8	53.4	9,363,213	8,491,452	30.7	50.1	6,037,457	5,705,068	30.4	51.3
\$500,000 to \$1,000,000.....	14	5	10.3	2.1	1,823	2,326	34.8	31.5	9,550,021	9,881,653	31.4	35.3	5,847,571	—	29.5	—
\$1,000,000 and over.....	3	3	3.7	2.1	—	—	—	—	5,982,873	—	32.2	—	6,622,918	3,654,731	33.4	32.8
LUMBER, PLANING-MILL PRODUCTS, NOT INCLUDING PLANING MILLS CONNECTED WITH SAWMILLS.....	515	607	100.0	100.0	8,455	11,475	100.0	100.0	49,440,846	36,449,837	100.0	100.0	21,085,242	14,997,223	100.0	100.0
Less than \$5,000.....	68	101	13.2	16.6	41	101	0.5	0.9	181,442	231,706	0.4	0.6	100,814	147,526	0.5	1.0
\$5,000 to \$20,000.....	132	101	25.6	31.5	307	919	3.6	8.0	1,457,862	2,103,260	2.9	5.8	759,563	1,114,685	3.6	7.4
\$20,000 to \$100,000.....	168	221	32.6	36.4	1,815	3,588	21.5	31.3	8,286,967	10,620,794	16.8	29.1	4,294,730	4,871,190	20.4	32.5

MANUFACTURES—NEW YORK.

TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR SELECTED INDUSTRIES: 1919 AND 1914—Contd.

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.					
	1919		1914		Per cent distribution.		1919		1914		Per cent distribution.		1919		1914		Per cent distribution.	
	1919	1914	1919	1914	1919	1914	1919	1914	1919	1914	1919	1914	1919	1914	1919	1914	1919	1914
MILLINERY AND LACE GOODS, NOT ELSEWHERE SPECIFIED.....	1,890	1,308	100.0	100.0	28,096	26,124	100.0	100.0	\$165,718,131	\$72,328,556	100.0	100.0	\$78,592,049	\$35,073,111	100.0	100.0		
Less than \$5,000.....	240	258	12.7	19.7	237	558	0.8	2.1	675,643	675,894	0.4	0.9	531,118	520,604	0.7	1.5		
\$5,000 to \$20,000.....	485	430	25.7	32.9	1,917	3,069	6.8	11.7	5,233,169	4,513,552	3.2	6.2	3,867,588	3,091,499	4.9	8.8		
\$20,000 to \$100,000.....	742	427	39.3	32.6	7,719	8,107	27.5	31.0	35,493,456	10,507,250	21.4	27.0	19,872,283	9,863,335	25.3	28.1		
\$100,000 to \$500,000.....	368	178	19.5	13.6	12,508	14,890	44.5	55.1	78,078,094	36,354,843	47.5	50.3	35,243,205	1,21,588,673	44.8	61.6		
\$500,000 to \$1,000,000.....	50	215	2.6	1.1	4,051	-----	14.4	-----	35,292,084	11,277,008	21.3	15.6	14,163,159	-----	18.0	-----		
\$1,000,000 and over.....	5	-----	0.3	-----	1,664	-----	5.9	-----	10,395,085	-----	6.3	-----	4,915,200	-----	6.3	-----		
MUSICAL INSTRUMENTS, PIANOS.....	70	103	100.0	100.0	6,908	8,202	100.0	100.0	37,978,813	24,406,261	100.0	100.0	15,039,394	12,343,895	100.0	100.0		
\$5,000 to \$20,000.....	5	12	6.3	11.7	20	354	0.3	0.7	72,611	8,113,175	0.2	0.5	34,722	45,231	0.2	0.4		
\$20,000 to \$100,000.....	11	32	13.9	31.1	150	573	2.2	7.0	605,083	2,000,622	1.8	8.2	835,210	2,3	6.8	-----		
\$100,000 to \$500,000.....	43	53	54.4	51.5	2,328	1,757	33.7	92.4	12,262,420	14,214,711	32.3	58.2	5,152,904	11,403,494	32.3	92.9		
\$500,000 to \$1,000,000.....	12	26	15.2	5.8	1,493	-----	21.6	-----	8,052,122	8,077,753	21.2	33.1	3,013,840	-----	18.9	-----		
\$1,000,000 and over.....	8	-----	10.1	-----	2,917	-----	42.2	-----	16,920,577	-----	44.6	-----	7,367,247	-----	46.2	-----		
PAINTS.....	97	105	100.0	100.0	2,835	2,055	100.0	100.0	44,120,831	22,425,958	100.0	100.0	16,878,155	8,803,134	100.0	100.0		
Less than \$5,000.....	7	12	7.2	11.4	4	8	0.1	0.3	17,232	35,405	(1)	0.2	8,347	18,800	(4)	0.2		
\$5,000 to \$20,000.....	10	23	10.3	21.9	18	47	0.6	1.8	111,493	265,490	0.3	1.2	62,221	139,130	0.4	1.6		
\$20,000 to \$100,000.....	24	34	24.7	32.4	94	222	3.3	8.4	1,272,399	1,592,636	2.9	7.0	523,154	634,162	3.1	7.4		
\$100,000 to \$500,000.....	34	31	35.1	29.5	505	1,416	17.8	53.3	7,708,852	11,663,928	17.5	52.0	3,001,702	4,471,240	17.8	52.0		
\$500,000 to \$1,000,000.....	7	5	7.2	-----	403	-----	14.2	-----	4,681,824	10,338,031	10.6	16.5	1,938,605	-----	11.5	-----		
\$1,000,000 and over.....	15	5	15.5	4.8	1,811	962	63.9	36.2	30,338,031	8,898,439	68.7	30.7	11,345,120	3,339,712	67.2	33.8		
PAPER AND WOOD PULP.....	156	150	100.0	100.0	17,571	13,570	100.0	100.0	129,381,032	56,335,681	100.0	100.0	52,427,280	20,405,222	100.0	100.0		
Less than \$5,000.....	6	-----	4.0	-----	14	10	-----	0.1	32,463	21,453	(4)	0.3	6,717	11,320	0.1	0.3		
\$5,000 to \$20,000.....	5	10	3.2	6.7	86	0.1	0.6	1,088,454	142,472	(1)	0.3	427,825	777,682	0.8	3.8			
\$20,000 to \$100,000.....	19	35	12.2	23.3	260	661	1.5	4.9	6,265,615	2,021,611	0.8	3.6	6,706,214	9,210,048	12.9	45.1		
\$100,000 to \$500,000.....	65	69	41.7	46.0	2,502	6,889	14.8	50.8	16,848,565	17,192,107	13.0	30.5	7,051,595	37,266,984	15.2	50.7		
\$500,000 to \$1,000,000.....	30	14	19.2	9.3	3,078	-----	17.5	-----	21,542,197	9,307,093	22.1	29.1	2,465,157	1,717,848	22.8	44.1		
\$1,000,000 and over.....	37	16	23.7	10.7	11,027	5,924	66.2	43.7	88,869,353	27,680,945	69.5	49.1	4,500,008	4,929,524	24.1	45.6		
PAPER GOODS, NOT ELSEWHERE SPECIFIED.....	95	95	100.0	100.0	4,017	3,364	100.0	100.0	26,870,747	12,048,040	100.0	100.0	10,800,169	5,484,294	100.0	100.0		
Less than \$5,000.....	5	19	5.3	20.0	5	23	0.1	0.7	12,141	48,177	(1)	0.4	6,717	31,407	0.1	0.6		
\$5,000 to \$20,000.....	22	23	23.2	24.2	68	130	1.7	3.0	248,837	237,935	0.9	1.9	142,652	123,960	1.3	2.3		
\$20,000 to \$100,000.....	31	25	32.6	26.3	293	390	7.3	11.6	1,682,658	1,290,590	6.3	10.2	650,211	611,070	6.1	11.1		
\$100,000 to \$500,000.....	23	25	24.2	26.3	994	1,231	24.7	83.9	6,265,612	7,395,379	23.3	58.5	2,465,157	1,717,848	22.8	44.1		
\$500,000 to \$1,000,000.....	8	23	8.4	3.2	796	-----	19.8	-----	5,934,070	2,075,959	22.1	29.1	2,465,157	-----	24.1	-----		
\$1,000,000 and over.....	6	-----	0.3	-----	1,861	-----	40.3	-----	12,733,429	-----	47.4	-----	4,929,524	-----	45.6	-----		
PATENT MEDICINES AND COMPOUNDS.....	403	566	100.0	100.0	4,546	2,704	100.0	100.0	57,957,077	25,650,716	100.0	100.0	33,316,078	17,058,813	100.0	100.0		
Less than \$5,000.....	124	277	30.8	48.9	44	157	1.0	5.6	253,729	546,121	0.4	2.2	152,800	364,470	0.5	2.1		
\$5,000 to \$20,000.....	91	150	22.6	20.5	141	324	3.1	11.6	889,168	1,548,516	1.5	6.0	544,670	1,063,805	1.6	6.2		
\$20,000 to \$100,000.....	107	90	26.6	15.9	500	615	18.0	22.0	4,989,880	4,575,325	8.6	17.8	3,032,055	2,923,057	9.1	17.1		
\$100,000 to \$500,000.....	57	42	14.1	7.4	1,088	1,064	23.9	38.1	12,047,586	10,959,456	22.3	42.7	7,520,549	9,282,216	22.6	54.4		
\$500,000 to \$1,000,000.....	11	4	2.7	0.7	403	-----	8.9	-----	7,566,270	2,494,751	13.1	9.7	4,467,817	-----	13.4	-----		
\$1,000,000 and over.....	13	3	3.2	0.5	2,280	634	50.2	22.7	31,311,344	5,523,547	54.0	21.5	17,598,787	3,425,286	52.8	20.1		
PICKLES, PRESERVES, AND SAUCES.....	107	107	100.0	100.0	2,714	2,179	100.0	100.0	25,000,637	9,675,193	100.0	100.0	8,743,503	3,539,596	100.0	100.0		
Less than \$5,000.....	17	24	15.9	22.4	10	29	0.4	1.3	38,586	60,958	0.2	0.7	21,446	36,131	0.2	1.0		
\$5,000 to \$20,000.....	19	35	17.8	32.7	36	84	1.3	3.9	215,447	334,301	0.9	3.7	103,670	151,788	1.2	4.3		
\$20,000 to \$100,000.....	41	31	38.3	29.0	250	249	0.2	11.4	1,902,844	1,156,194	7.6	11.9	691,841	402,553	7.9	13.1		
\$100,000 to \$500,000.....	19	13	17.8	12.1	493	1,817	18.2	83.4	4,477,233	3,440,778	17.8	36.6	1,715,669	1,289,124	19.6	81.6		
\$500,000 to \$1,000,000.....	5	24	4.7	3.7	349	-----	12.9	-----	3,564,524	2,4,656,062	14.2	48.1	1,162,408	-----	13.3	-----		
\$1,000,000 and over.....	6	-----	5.6	-----	1,576	-----	58.1	-----	14,898,003	-----	59.4	-----	5,018,223	-----	57.7	-----		
PRINTING AND PUBLISHING, BOOK AND JOB.....	2,530	2,360	100.0	100.0	26,096	25,800	100.0	100.0	149,123,975	78,841,261	100.0	100.0	103,606,700	58,166,132	100.0	100.0		
Less than \$5,000.....	706	903	27.8	40.6	273	913	1.0	3.5	1,787,663	2,457,789	1.2	3.1	1,233,770	1,789,904	1.2	3.1		
\$5,000 to \$20,000.....	849	787	33.5	33.2	1,983	8,563	7.6	13.8	8,899,636	7,707,658	6.0	9.0	6,047,270	5,009,126	5.8	9.6		
\$20,000 to \$100,000.....	664	461	26.2	19.5	6,242	7,117	23.9	27.6	29,572,313	20,230,256	19.8	25.7	19,537,615	14,187,052	18.8	24.4		
\$100,000 to \$500,000.....	207	141	10.5	6.0	9,201	12,069	35.3	46.8	56,337,129	28,607,793	37.8	30.3	37,630,207	26,423,126	36.3	45.4		
\$500,000 to \$1,000,000.....	37	11	1.5	0.5	4,632	-----	17.7	-----	25,826,116	7,863,973	17.3	10.0	18,884,044	-----	18.2	-----		
\$1,000,000 and over.....	13	6	0.5	0.3	3													

MANUFACTURES—NEW YORK.

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TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR SELECTED INDUSTRIES: 1919 AND 1914—Contd.

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919		1914		Per cent distribution.		1919		1914		Per cent distribution.		1919		1914	
	1919	1914	1919	1914	1919	1914	1919	1914	1919	1914	1919	1914	1919	1914	1919	1914
RUBBER TIRES, TUBES, AND RUBBER GOODS, NOT ELSEWHERE SPECIFIED.....	40	45	100.0	100.0	5,370	3,633	100.0	100.0	\$33,033,202	\$10,228,445	100.0	100.0	\$16,099,849	\$5,542,271	100.0	100.0
Less than \$5,000.....	3	6	7.5	13.3	1	5	(1)	0.1	5,759	14,818	(1)	0.1	-1,446	7,828	(1)	0.1
\$5,000 to \$20,000.....	8	14	20.0	31.1	17	56	0.3	1.5	75,907	123,590	0.2	1.2	41,618	70,038	0.3	1.3
\$20,000 to \$100,000.....	7	10	17.5	22.2	87	140	1.6	3.9	264,406	476,804	0.8	4.7	135,867	242,933	0.8	4.4
\$100,000 to \$500,000.....	7	11	17.5	24.4	243	2,432	4.5	94.5	1,731,046	2,988,298	5.2	29.2	736,298	2,5,221,472	4.6	94.2
\$500,000 to \$1,000,000.....	6	8	15.0	8.9	1,519	-----	28.3	-----	4,047,204	8,626,943	12.3	64.8	2,370,059	-----	14.7	-----
\$1,000,000 and over.....	9	-----	22.5	-----	3,503	-----	65.2	-----	26,908,880	-----	81.5	-----	12,817,453	-----	79.6	-----
SHIRTS.....	334	270	100.0	100.0	12,136	16,443	100.0	100.0	97,851,812	41,257,891	100.0	100.0	37,456,100	18,718,810	100.0	100.0
Less than \$5,000.....	26	33	7.8	12.2	71	122	0.6	0.7	85,482	86,467	0.1	0.2	69,994	62,327	0.2	0.3
\$5,000 to \$20,000.....	47	62	14.1	23.0	371	888	3.1	5.3	487,773	664,518	0.5	1.6	360,375	510,298	1.0	2.7
\$20,000 to \$100,000.....	123	98	33.3	36.3	4,130	4,292	34.0	26.1	6,441,328	4,487,351	6.6	10.9	4,719,976	2,765,352	12.6	14.8
\$100,000 to \$500,000.....	81	61	24.3	22.6	3,366	4,7,366	27.7	44.8	18,908,337	13,983,619	19.3	33.9	8,330,207	4,9,393,095	22.2	50.2
\$500,000 to \$1,000,000.....	27	9	8.1	3.3	1,322	-----	10.9	-----	20,265,707	7,069,077	20.7	17.1	6,658,616	-----	17.8	-----
\$1,000,000 and over.....	25	7	7.5	2.6	2,876	3,795	23.7	23.1	51,662,185	14,966,261	52.8	36.3	17,316,932	5,987,738	46.2	32.0
SILK GOODS.....	181	143	100.0	100.0	13,342	11,659	100.0	100.0	81,682,572	29,260,763	100.0	100.0	35,291,822	12,524,542	100.0	100.0
Less than \$5,000.....	6	5	3.3	3.5	8	14	0.1	0.1	16,373	17,479	(1)	0.1	13,659	15,986	(1)	0.1
\$5,000 to \$20,000.....	11	21	6.1	14.7	105	198	0.8	1.7	107,055	268,958	0.1	0.9	13,416	175,901	(1)	1.4
\$20,000 to \$100,000.....	36	55	19.9	38.5	611	2,067	4.6	17.7	1,934,467	3,098,751	2.4	10.6	1,026,990	1,638,109	2.9	13.1
\$100,000 to \$500,000.....	84	51	46.4	35.7	4,217	2,9,380	31.6	80.5	19,827,752	13,012,731	24.3	44.5	8,687,591	2,10,601,546	24.6	85.4
\$500,000 to \$1,000,000.....	24	8	11	13.3	2,890	-----	21.7	-----	18,485,820	3,12,862,844	22.6	44.0	8,175,698	-----	23.2	-----
\$1,000,000 and over.....	20	-----	11.0	-----	5,511	-----	41.3	-----	41,311,075	-----	50.6	-----	17,374,468	-----	49.2	-----
SLAUGHTERING AND MEAT PACKING.....	130	184	100.0	100.0	6,646	6,245	100.0	100.0	256,038,393	144,238,162	100.0	100.0	25,989,879	16,954,429	100.0	100.0
Less than \$5,000.....	3	2	2.3	-----	1	-----	(1)	-----	12,618	-----	(1)	-----	5,606	-----	(1)	-----
\$5,000 to \$20,000.....	17	41	13.1	22.3	14	52	0.2	0.8	211,676	5,463,285	0.1	0.3	48,974	5,121,761	0.2	0.7
\$20,000 to \$100,000.....	23	57	17.7	31.0	23	200	0.3	3.2	1,003,307	3,089,702	0.4	2.1	134,526	605,895	0.5	3.6
\$100,000 to \$500,000.....	37	54	23.5	29.3	256	4,1,239	3.9	19.8	9,035,788	20,272,401	3.5	14.1	1,399,103	4,3,049,823	5.4	18.0
\$500,000 to \$1,000,000.....	15	9	11.5	4.9	327	-----	4.9	-----	11,033,758	6,842,377	4.3	4.7	1,061,563	-----	4.1	-----
\$1,000,000 and over.....	35	23	20.0	12.5	6,023	4,754	90.7	70.1	234,741,246	113,568,097	91.7	78.7	23,339,807	13,176,950	89.8	77.7
STAMPED AND ENAMELED WARE, NOT ELSEWHERE SPECIFIED.....	74	61	100.0	100.0	8,050	6,706	100.0	100.0	34,709,308	15,496,087	100.0	100.0	10,485,571	7,657,839	100.0	100.0
Less than \$5,000.....	4	6	5.4	9.8	6	7	0.1	0.1	13,644	11,967	(1)	0.1	5,073	7,454	(1)	0.1
\$5,000 to \$20,000.....	8	14	10.8	23.0	23	98	0.3	1.5	91,790	160,139	0.3	1.1	56,389	109,906	0.3	1.4
\$20,000 to \$100,000.....	33	19	44.6	31.1	458	482	5.7	7.2	1,515,625	921,326	4.4	5.9	891,600	459,809	4.6	6.0
\$100,000 to \$500,000.....	14	15	18.9	24.6	903	2,6,119	11.2	91.2	3,477,734	4,624,163	10.0	29.8	1,857,609	2,7,080,670	9.5	92.5
\$500,000 to \$1,000,000.....	6	8	8.1	11.5	1,094	-----	13.6	-----	4,109,925	8,9,772,492	11.8	63.1	2,313,533	-----	11.9	-----
\$1,000,000 and over.....	9	-----	12.2	-----	5,575	-----	69.2	-----	25,500,590	-----	73.5	-----	14,300,767	-----	73.7	-----
STRUCTURAL IRONWORK, NOT MADE IN STEEL WORKS OR ROLLING MILLS.....	301	362	100.0	100.0	4,872	7,626	100.0	100.0	27,425,094	22,063,798	100.0	100.0	13,877,143	11,393,117	100.0	100.0
Less than \$5,000.....	47	77	15.6	21.3	25	118	0.5	1.5	141,583	213,039	0.5	1.0	100,285	147,213	0.7	1.3
\$5,000 to \$20,000.....	88	134	29.2	37.0	223	337	4.6	8.4	982,854	1,431,253	3.5	6.5	597,699	877,651	4.3	7.7
\$20,000 to \$100,000.....	118	100	39.2	30.1	1,135	1,836	23.3	24.1	5,852,846	4,738,855	21.3	21.5	3,164,833	2,665,950	22.8	23.4
\$100,000 to \$500,000.....	39	37	13.0	10.2	1,492	2,5,035	30.6	66.0	8,881,082	8,967,668	32.4	40.6	4,335,454	2,7,702,303	31.2	67.6
\$500,000 to \$1,000,000.....	4	5	1.3	1.4	532	-----	10.9	-----	2,916,551	8,6,711,483	10.6	30.4	1,420,338	-----	10.2	-----
\$1,000,000 and over.....	5	-----	1.7	-----	1,465	-----	30.1	-----	8,670,118	-----	31.6	-----	4,258,534	-----	30.7	-----
TINWARE, NOT ELSEWHERE SPECIFIED.....	75	62	100.0	100.0	6,889	4,470	100.0	100.0	43,312,581	14,362,697	100.0	100.0	13,607,671	5,250,945	100.0	100.0
Less than \$5,000.....	9	5	12.0	8.1	3	7	(1)	0.2	25,952	13,969	0.1	0.1	13,710	9,401	0.1	0.2
\$5,000 to \$20,000.....	10	16	13.3	25.8	19	86	0.3	1.9	116,539	173,992	0.3	1.2	72,555	99,595	0.5	1.9
\$20,000 to \$100,000.....	21	19	28.0	30.6	213	351	3.2	7.9	1,024,040	1,199,042	2.4	8.3	533,248	441,648	3.9	8.4
\$100,000 to \$500,000.....	19	14	25.3	22.6	906	4,1,953	13.2	43.7	4,600,235	3,411,539	10.6	23.8	1,991,236	4,2,271,139	14.6	43.3
\$500,000 to \$1,000,000.....	6	3	8.0	4.8	606	-----	8.8	-----	4,482,531	2,180,669	10.3	15.2	1,675,645	1,675,645	12.3	46.3
\$1,000,000 and over.....	10	5	13.3	8.1	5,137	2,073	74.6	46.4	33,062,684	7,383,486	76.3	51.4	9,321,277	2,429,162	68.5	46.3
TOBACCO, CIGARS AND CIGARETTES.....	2,163	2,798	100.0	100.0	21,095	30,111	100.0	100.0	163,104,747	86,489,307	100.0	100.0	94,043,375	49,254,111	100.0	100.0
Less than \$5,000.....	1,306	2,046	60.4	73.1	442	1,349	2.1	4.5	2,703,188	3,748,895	1.7	4.3	1,577,958	2,353,271	1.7	4.8
\$5,000 to \$20,000.....	545	502	25.2	17.9	1,451	2,383	6.9	7.9	5,098,978	4,490,941	3.1	5.2	3,033,961	2,742,648	3.2	5.6
\$20,000 to \$100,000.....	197	150	9.1	5.7	2,379	3,506	11.8	11.6	8,615,138	6,438,536	5.2	7.4	4,828,252	3,793,105	5.1	7.7
\$100,000 to \$500,000.....	79	66	3.7	2.4	4,709	4,11,767	22.3	39.1	17,420,324	14,767,126	10.7	17.1	9,663,277	4,13,493,487	10.3	27.3
\$500,000 to \$1,000,000.....	16	11	0.7	0.4	2,534	-----	12.0	-----	10,646,444	8,642,144	6.5	10.0	5,564,237	-----	5.9	-----
\$1,000,000 and over.....	20	14	0.9	0.5	9,580	11,106	45.4	36.9	118,614,695	48,401,665	72.7	56.0	69,375,690	26,931,510	73.8	54.7
VARNISHES.....	51	45	100.0	100.0	1,037	795	100.0	100.0	22,113,703	9,453,463	100.0	100.0	9,747,371	4,689,627	100.0	100.0
Less than \$5,000.....	3	4	5.9	8.9	3	2	0.3	0.3	6,076	11,						

MANUFACTURES—NEW YORK.

TABLE 13.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919.

CITY ¹ AND VALUE OF PRODUCT.	Number of Establishments	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		CITY ¹ AND VALUE OF PRODUCT.	Number of Establishments	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.			Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.
ALBANY.....	382	11,216	100.0	\$45,454,955	100.0	\$23,972,184	100.0	ELMIRA.....	142	8,024	100.0	\$33,494,164	100.0	\$19,356,661	100.0
Less than \$5,000.....	78	45	0.4	208,464	0.5	135,167	0.6	Less than \$5,000.....	30	27	0.3	84,554	0.3	63,421	0.3
\$5,000 to \$20,000.....	121	317	2.8	1,341,724	3.0	765,000	3.2	\$5,000 to \$20,000.....	33	90	1.1	368,941	1.1	249,988	1.3
\$20,000 to \$100,000.....	108	1,686	15.0	4,792,871	10.5	2,505,182	10.5	\$20,000 to \$100,000.....	46	465	5.8	1,981,701	5.9	1,101,766	5.7
\$100,000 to \$500,000.....	54	3,205	28.6	12,281,067	27.0	6,570,838	27.4	\$100,000 to \$500,000.....	17	845	10.5	3,713,780	11.1	1,868,622	9.7
\$500,000 to \$1,000,000.....	11	1,286	11.5	7,554,076	16.6	3,755,708	15.7	\$500,000 to \$1,000,000.....	10	1,713	21.3	6,233,489	18.6	3,368,901	20.0
\$1,000,000 and over.....	10	4,677	41.7	19,292,553	42.4	10,240,269	42.7	\$1,000,000 and over.....	6	4,884	60.9	21,111,699	63.0	12,200,963	63.0
AMSTERDAM.....	117	10,713	100.0	52,851,242	100.0	22,135,378	100.0	FULTON.....	43	3,027	100.0	23,096,490	100.0	6,763,481	100.0
Less than \$5,000.....	24	14	0.1	65,976	0.1	34,275	0.2	Less than \$5,000.....	7	3	0.1	13,127	0.1	5,601	0.1
\$5,000 to \$20,000.....	33	64	0.6	369,860	0.7	176,663	0.8	\$5,000 to \$20,000.....	12	39	1.1	129,308	0.6	74,402	1.1
\$20,000 to \$100,000.....	29	274	2.6	1,060,493	2.0	517,852	2.3	\$20,000 to \$100,000.....	10	113	3.1	505,593	2.2	160,271	2.4
\$100,000 to \$500,000.....	12	917	8.6	2,886,836	5.5	1,620,543	7.3	\$100,000 to \$500,000.....	12	677	18.7	3,117,368	13.5	1,392,768	20.6
\$500,000 to \$1,000,000.....	7	1,045	9.8	4,723,816	8.9	2,056,977	9.3	\$500,000 to \$1,000,000.....	3	207	5.7	2,151,571	9.3	763,009	11.3
\$1,000,000 and over.....	12	8,399	78.4	43,735,261	82.8	17,729,068	80.1	\$1,000,000 and over.....	4	2,588	71.4	17,179,532	74.4	4,367,484	84.6
AUBURN.....	154	7,272	100.0	40,642,435	100.0	16,772,361	100.0	GENEVA.....	48	2,428	100.0	10,219,321	100.0	5,358,352	100.0
Less than \$5,000.....	29	17	0.2	79,787	0.2	44,434	0.3	Less than \$5,000.....	10	5	0.2	23,851	0.2	14,287	0.3
\$5,000 to \$20,000.....	54	126	1.7	570,076	1.4	273,034	1.6	\$5,000 to \$20,000.....	11	37	1.5	156,371	1.5	72,716	1.4
\$20,000 to \$100,000.....	33	388	5.3	1,637,820	4.0	767,365	4.6	\$20,000 to \$100,000.....	12	134	5.5	572,375	5.0	291,957	5.4
\$100,000 to \$500,000.....	20	739	10.2	4,499,801	11.1	1,883,124	11.2	\$100,000 to \$500,000.....	8	373	15.4	1,607,080	16.6	830,397	15.5
\$500,000 to \$1,000,000.....	3	477	0.6	1,838,516	4.5	888,861	5.3	\$500,000 to \$1,000,000.....	4	953	39.3	2,901,332	28.4	1,855,272	34.6
\$1,000,000 and over.....	10	5,525	76.0	32,015,855	78.8	12,915,543	77.0	\$1,000,000 and over.....	3	926	38.1	4,867,403	47.0	2,293,723	42.8
BATAVIA.....	45	2,226	100.0	9,414,705	100.0	4,586,082	100.0	GLENNS FALLS.....	75	2,784	100.0	11,503,056	100.0	5,212,547	100.0
Less than \$5,000.....	8	3	0.1	15,490	0.2	7,236	0.2	Less than \$5,000.....	15	6	0.2	23,755	0.3	15,389	0.3
\$5,000 to \$20,000.....	14	34	1.5	151,164	1.6	80,107	1.9	\$5,000 to \$20,000.....	19	48	1.7	191,125	1.7	85,384	1.6
\$20,000 to \$100,000.....	12	154	0.9	668,137	7.1	327,368	7.1	\$20,000 to \$100,000.....	17	480	17.5	898,511	7.8	536,672	10.3
\$100,000 and over.....	11	2,035	91.4	8,579,914	91.1	4,166,271	90.8	\$100,000 to \$500,000.....	20	1,144	41.1	4,055,244	35.3	1,719,373	33.0
BEACON.....	35	2,162	100.0	9,650,394	100.0	4,704,511	100.0	\$500,000 to \$1,000,000.....	4	1,100	39.5	6,328,431	55.0	2,855,729	54.8
BINGHAMTON.....	228	7,477	100.0	40,637,625	100.0	18,803,663	100.0	GLOVERSVILLE.....	206	5,012	100.0	38,913,000	100.0	16,542,885	100.0
Less than \$5,000.....	47	38	0.5	131,977	0.3	76,016	0.4	Less than \$5,000.....	21	10	0.2	56,489	0.1	32,892	0.2
\$5,000 to \$20,000.....	69	218	2.9	726,061	1.8	306,855	2.1	\$5,000 to \$20,000.....	41	97	1.7	463,553	1.2	221,700	1.3
\$20,000 to \$100,000.....	51	506	6.8	2,295,357	5.6	1,035,465	5.5	\$20,000 to \$100,000.....	73	820	14.8	3,851,078	9.9	1,887,493	11.4
\$100,000 to \$500,000.....	40	1,903	25.5	8,030,200	21.3	4,502,201	23.9	\$100,000 to \$500,000.....	55	2,419	43.1	12,819,390	32.9	5,677,436	33.7
\$500,000 to \$1,000,000.....	11	1,252	16.7	7,552,807	18.6	3,272,396	17.4	\$500,000 to \$1,000,000.....	9	968	17.2	6,173,683	15.9	2,859,964	17.3
\$1,000,000 and over.....	10	3,560	47.6	21,295,223	52.4	9,520,730	50.6	\$1,000,000 and over.....	7	1,289	23.0	15,545,807	40.0	5,963,484	36.0
BUFFALO.....	2,003	75,899	100.0	634,400,733	100.0	233,789,004	100.0	HERKIMER.....	34	1,370	100.0	3,032,045	100.0	2,081,952	100.0
Less than \$5,000.....	477	233	0.3	1,208,581	0.2	762,076	0.3	Less than \$5,000.....	6	4	0.3	18,641	0.5	12,622	0.6
\$5,000 to \$20,000.....	603	1,496	2.0	6,454,131	1.0	3,553,271	1.5	\$5,000 to \$20,000.....	14	28	1.5	146,322	2.0	89,072	1.6
\$20,000 to \$100,000.....	556	5,369	7.1	25,405,447	4.0	13,490,797	5.8	\$20,000 to \$100,000.....	12	268	14.5	505,402	8.1	305,616	7.5
\$100,000 to \$500,000.....	274	11,533	15.2	63,707,800	10.0	31,306,730	13.4	\$100,000 to \$500,000.....	4	111	6.0	771,389	10.5	382,551	9.4
\$500,000 to \$1,000,000.....	73	10,730	14.1	52,314,126	8.2	28,735,095	12.3	\$500,000 to \$1,000,000.....	6	1,437	77.0	5,801,788	79.0	3,301,969	81.1
\$1,000,000 and over.....	110	46,538	61.3	485,310,648	76.5	155,940,435	66.7	\$1,000,000 and over.....	53	1,481	100.0	7,514,339	100.0	3,294,276	100.0
COHOES.....	93	5,013	100.0	21,551,429	100.0	9,856,150	100.0	HUDSON.....	43	1,851	100.0	7,339,419	100.0	4,070,559	100.0
Less than \$5,000.....	16	4	0.1	37,873	0.2	21,081	0.2	Less than \$5,000.....	18	12	0.8	40,301	0.5	25,277	0.8
\$5,000 to \$20,000.....	14	29	0.6	152,042	0.7	74,080	0.8	\$5,000 to \$20,000.....	10	64	4.3	205,754	2.7	89,072	2.7
\$20,000 to \$100,000.....	29	471	0.4	1,351,286	6.3	807,510	8.2	\$20,000 to \$100,000.....	12	171	11.5	598,748	7.5	293,440	8.9
\$100,000 to \$500,000.....	24	1,475	25.4	5,754,545	26.7	2,622,588	26.6	\$100,000 to \$500,000.....	5	307	20.7	1,372,720	26.3	698,704	21.2
\$500,000 to \$1,000,000.....	7	1,125	22.4	5,306,658	24.6	2,106,271	22.0	\$1,000,000 and over.....	4	927	62.6	4,728,726	62.9	2,180,703	66.4
\$1,000,000 and over.....	3	1,909	38.1	8,943,925	41.5	4,103,170	42.2	JAMESPORT.....	14	5,215	100.0	13,702,047	100.0	9,677,784	100.0
CORNING.....	45	3,517	100.0	10,774,091	100.0	7,302,328	100.0	ILION.....	5	1	(*)	16,312	0.1	9,028	0.1
Less than \$5,000.....	12	15	0.4	33,673	0.3	22,722	0.3	\$100,000 to \$500,000.....	6	136	2.6	402,061	3.6	200,502	2.8
\$5,000 to \$20,000.....	12	42	1.2	146,603	1.4	87,975	1.2	\$100,000 to \$500,000.....	3	5,078	97.4	13,102,774	96.3	9,398,294	97.1
\$20,000 to \$100,000.....	9	72	2.0	475,407	4.4	284,350	3.8	\$1,000,000 and over.....	5	97	1.7	1,227,300	29.6	6,245,238	31.2
\$100,000 and over.....	12	3,388	96.3	10,118,348	93.9	6,997,266	94.7	JAMESTOWN.....	153	8,550	100.0	37,985,306	100.0	20,068,859	100.0
CORTLAND.....	50	3,013	100.0	14,902,884	100.0	6,770,793	100.0	ITHACA.....	72	1,690	100.0	9,934,003	100.0	4,752,046	100.0
Less than \$5,000.....	12	5	0.2	29,942	0.2	16,447	0.2	Less than \$5,000.....	17	7	0.4	34,807	0.4	28,306	0.6
\$5,000 to \$20,000.....	15	42	1.4	181,388	1.2	79,736	1.2	\$5,000 to \$20,000.....	21	60	3.6	208,304	2.7	188,867	4.0
\$20,000 to \$100,000.....	10	124	4.1	489,649	3.6	220,052	3.3	\$20,000 to \$100,000.....	20	263	15.6	827,500	8.3	429,030	9.0
\$100,000 to \$500,000.....	15	636	21.1	2,550,870	17.1	1,442,048	21.3	\$100,000 to \$500,000.....	11	505	29.9	2,684,473	27.0	1,164,314	24.5
\$500,000 to \$1,000,000.....	3	360	11.9	2,269,965	15.2	923,120	13.6	\$1,000,000 and over.....	3						

MANUFACTURES—NEW YORK.

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TABLE 13.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919—Continued.

CITY ¹ AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		CITY ¹ AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.			Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.
JOHNSTOWN.....	112	2,664	100.0	\$17,502,938	100.0	\$6,168,084	100.0	QUEENS BOROUGH.....	1,249	47,222	100.0	\$331,285,294	100.0	\$136,055,001	100.0
Less than \$5,000.....	11	5	0.2	37,146	0.2	19,138	0.3	Less than \$5,000.....	203	87	0.2	479,830	0.1	295,907	0.2
\$5,000 to \$20,000.....	28	61	2.3	297,018	1.7	157,671	2.6	\$5,000 to \$20,000.....	374	1,004	2.1	4,143,429	1.3	2,385,108	1.8
\$20,000 to \$100,000.....	32	411	15.4	1,556,083	8.9	708,278	11.5	\$20,000 to \$100,000.....	381	3,810	7.6	16,416,673	5.0	8,541,300	6.3
\$100,000 to \$500,000.....	31	1,426	53.5	7,411,461	42.3	2,855,210	46.3	\$100,000 to \$500,000.....	181	7,649	16.2	39,499,618	11.9	20,226,763	14.9
\$500,000 to \$1,000,000.....	7	527	19.8	4,573,425	26.1	1,676,317	27.2	\$500,000 to \$1,000,000.....	55	7,413	15.7	40,106,335	12.1	19,103,654	14.0
\$1,000,000 and over.....	3	234	8.8	3,627,805	20.7	752,070	12.2	\$1,000,000 and over.....	55	27,459	68.1	230,639,409	69.6	85,502,209	62.8
KINGSTON.....	121	3,903	100.0	15,857,451	100.0	7,498,248	100.0	RICHMOND BOROUGH.....	252	17,886	100.0	103,899,099	100.0	48,397,117	100.0
Less than \$5,000.....	12	11	0.3	33,020	0.2	22,297	0.3	Less than \$5,000.....	68	46	0.3	169,821	0.2	97,652	0.2
\$5,000 to \$20,000.....	41	135	3.5	375,532	2.4	205,564	2.7	\$5,000 to \$20,000.....	73	236	1.3	525,013	0.8	413,220	0.9
\$20,000 to \$100,000.....	35	602	15.4	1,673,599	10.6	830,185	11.1	\$20,000 to \$100,000.....	60	541	3.0	2,492,116	2.4	1,274,077	2.6
\$100,000 to \$500,000.....	25	1,708	43.8	5,408,805	34.1	2,802,059	37.4	\$100,000 to \$500,000.....	23	1,267	7.1	5,011,743	4.8	2,742,501	5.7
\$500,000 to \$1,000,000.....	4	584	15.0	2,031,028	18.5	1,300,133	17.3	\$500,000 to \$1,000,000.....	10	1,280	7.2	6,818,796	6.6	3,349,192	6.9
\$1,000,000 and over.....	4	863	22.1	5,435,467	34.3	2,338,010	31.2	\$1,000,000 and over.....	18	14,516	81.2	88,581,610	85.3	40,520,415	83.7
LITTLE FALLS.....	51	3,688	100.0	24,851,536	100.0	9,517,464	100.0	NEWBURGH.....	101	5,389	100.0	29,872,407	100.0	13,297,973	100.0
Less than \$5,000.....	8	12	0.3	24,900	0.1	14,241	0.1	Less than \$5,000.....	9	12	0.2	24,587	0.1	14,538	0.1
\$5,000 to \$20,000.....	13	29	0.8	130,332	0.5	66,672	0.7	\$5,000 to \$20,000.....	26	83	1.5	312,614	1.0	161,302	1.2
\$20,000 to \$100,000.....	12	104	2.8	464,174	1.9	244,402	2.6	\$20,000 to \$100,000.....	33	438	8.1	1,399,449	4.7	766,810	5.8
\$100,000 to \$500,000.....	8	437	11.8	1,786,679	7.2	844,352	8.9	\$100,000 to \$500,000.....	18	953	17.7	4,226,765	14.1	2,367,549	17.8
\$500,000 to \$1,000,000.....	4	405	11.0	2,730,051	11.0	824,101	8.7	\$500,000 to \$1,000,000.....	7	974	18.1	4,404,537	14.7	1,920,639	14.4
\$1,000,000 and over.....	6	2,701	73.2	19,715,350	70.3	7,523,606	79.1	\$1,000,000 and over.....	8	2,929	54.4	19,504,155	65.3	8,067,085	60.7
LOCKPORT.....	108	4,074	100.0	29,302,597	100.0	11,227,121	100.0	NIAGARA FALLS.....	186	12,238	100.0	89,247,170	100.0	38,186,804	100.0
Less than \$5,000.....	28	17	0.4	70,700	0.2	48,304	0.4	Less than \$5,000.....	36	6	(3)	84,570	0.1	47,845	0.1
\$5,000 to \$20,000.....	17	45	1.1	188,163	0.7	102,765	0.9	\$5,000 to \$20,000.....	45	90	0.7	496,291	0.6	269,163	0.7
\$20,000 to \$100,000.....	28	356	8.7	1,404,314	4.8	652,190	5.8	\$20,000 to \$100,000.....	49	882	3.1	2,307,396	2.7	1,194,519	3.1
\$100,000 to \$500,000.....	23	701	17.2	4,454,247	15.2	1,954,540	17.4	\$100,000 to \$500,000.....	26	1,228	10.0	6,577,031	7.4	3,214,408	8.4
\$500,000 to \$1,000,000.....	4	621	15.2	3,293,652	11.2	1,772,670	15.8	\$500,000 to \$1,000,000.....	12	1,162	9.5	7,533,856	8.4	3,301,338	8.6
\$1,000,000 and over.....	8	2,334	57.3	10,851,521	67.8	6,636,652	59.6	\$1,000,000 and over.....	18	9,370	76.6	72,183,017	80.9	30,159,531	79.0
MIDDLETOWN.....	78	2,162	100.0	9,803,344	100.0	4,926,270	100.0	NORTH TONAWANDA.....	65	4,360	100.0	25,430,663	100.0	10,435,827	100.0
Less than \$5,000.....	13	11	0.5	25,946	0.3	16,113	0.3	Less than \$5,000.....	6	5	0.1	16,533	0.1	12,691	0.1
\$5,000 to \$20,000.....	27	70	3.7	295,628	3.0	159,282	3.2	\$5,000 to \$20,000.....	16	48	1.1	200,048	0.8	120,236	1.2
\$20,000 to \$100,000.....	21	287	13.3	1,011,757	10.3	563,124	11.4	\$20,000 to \$100,000.....	13	131	3.0	610,202	2.4	203,870	2.5
\$100,000 to \$500,000.....	14	819	37.9	3,254,543	33.2	1,709,377	34.7	\$100,000 to \$500,000.....	15	653	15.0	3,937,620	15.5	1,651,134	14.9
\$500,000 and over.....	3	966	44.7	5,215,470	53.2	2,478,374	50.3	\$500,000 to \$1,000,000.....	9	1,041	23.8	6,766,932	26.6	3,086,175	29.7
MOUNT VERNON.....	159	2,740	100.0	12,003,417	100.0	7,061,262	100.0	OGDENSBURG.....	57	757	100.0	5,154,923	100.0	1,644,532	100.0
Less than \$5,000.....	30	13	0.5	92,682	0.8	61,961	0.9	Less than \$5,000.....	12	5	0.7	25,720	0.5	18,852	1.1
\$5,000 to \$20,000.....	55	120	4.4	555,070	4.6	318,106	4.5	\$5,000 to \$20,000.....	20	54	7.1	219,687	4.3	95,077	5.8
\$20,000 to \$100,000.....	48	599	21.8	2,040,447	17.0	1,250,145	17.8	\$20,000 to \$100,000.....	16	209	27.6	705,830	13.7	372,392	22.6
\$100,000 to \$500,000.....	20	925	33.7	4,067,996	33.9	1,742,355	24.7	\$100,000 to \$500,000.....	6	215	28.4	1,593,580	30.9	441,807	26.9
\$500,000 and over.....	6	1,059	39.7	5,247,216	43.7	3,682,695	52.2	\$500,000 and over.....	3	274	30.2	2,610,150	50.6	716,414	43.6
NEW ROCHELLE.....	69	1,293	100.0	4,406,301	100.0	2,535,002	100.0	OLEAN.....	66	4,660	100.0	32,121,160	100.0	9,132,838	100.0
Less than \$5,000.....	12	6	0.5	28,535	0.6	18,425	0.7	Less than \$5,000.....	17	8	0.2	46,108	0.1	27,769	0.3
\$5,000 to \$20,000.....	28	116	9.0	333,639	7.6	223,980	8.8	\$5,000 to \$20,000.....	11	24	0.5	109,493	0.3	54,267	0.6
\$20,000 to \$100,000.....	20	229	17.7	814,840	18.5	507,258	20.0	\$20,000 to \$100,000.....	14	320	6.9	810,592	2.5	508,632	5.6
\$100,000 to \$500,000.....	9	942	72.9	3,229,237	73.3	1,785,339	70.4	\$100,000 to \$500,000.....	16	803	17.2	3,391,182	10.6	1,677,508	18.4
\$500,000 and over.....	1	295	35.3	2,432,950	658	1,040,327,669	43.4	\$500,000 and over.....	4	3,075	65.9	24,812,749	77.2	6,014,649	65.9
NEW YORK CITY.....	32,590	638,775	100.0	5,260,707,577	100.0	2,390,231,459	100.0	ONEIDA.....	47	1,207	100.0	5,403,164	100.0	2,679,397	100.0
Less than \$5,000.....	4,643	2,405	0.4	11,081,839	0.2	8,190,357	0.3	Less than \$5,000.....	13	8	0.7	29,499	0.5	14,630	0.5
\$5,000 to \$20,000.....	8,477	23,772	3.7	94,266,598	1.8	60,102,110	2.5	\$5,000 to \$20,000.....	14	33	2.7	152,780	2.8	85,708	3.2
\$20,000 to \$100,000.....	11,254	107,518	16.8	534,251,999	10.2	293,245,478	12.2	\$20,000 to \$100,000.....	9	136	11.3	485,195	9.0	211,050	7.9
\$100,000 to \$500,000.....	6,326	188,894	20.1	1,401,375,616	26.6	643,603,273	26.8	\$100,000 to \$500,000.....	7	331	27.4	1,539,512	28.5	800,176	29.9
\$500,000 to \$1,000,000.....	1,121	90,596	14.2	785,880,867	14.9	353,793,572	14.7	\$500,000 and over.....	4	609	57.9	3,190,178	59.2	1,567,823	58.5
\$1,000,000 and over.....	789	225,590	35.3	2,432,950,658	46.2	1,040,327,669	43.4	ONEONTA.....	31	1,657	100.0	5,628,739	100.0	2,742,862	100.0
BRONX BOROUGH.....	1,370	20,036	100.0	114,975,501	100.0	53,173,696	100.0	Less than \$5,000.....	4	-----	-----	9,082	0.2	3,612	0.1
Less than \$5,000.....	366	144	0.7	881,853	0.8	574,382	1.0	\$5,000 to \$20,000.....	8	24	1.4	100,091	1.8	39,683	1.4
\$5,000 to \$20,000.....	393	814	4.1	4,331,080	3.8	2,357,845	4.1	\$20,000 to \$100,000.....	12	307	18.5	604,913	10.7	365,756	13.3
\$20,000 to \$100,000.....	423	3,461	17.3	18,462,621	16.1	8,845,097	15.2	\$100,000 to \$500,000.....	7	1,326	80.0	4,914,655	87.3	2,333,811	85.1
\$100,000 to \$500,000.....	142	6,200	31.0	34,638,830	30.1	16,482,339	28.3	\$500,000 and over.....	4	263	68.0	1,736,927	77.0	807,202</td	

MANUFACTURES—NEW YORK.

TABLE 13.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919—Continued.

CITY ¹ AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		CITY ¹ AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.			Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.
PEEKSKILL.....	66	2,066	100.0	\$10,623,628	100.0	\$5,122,140	100.0	SYRACUSE.....	643	28,153	100.0	\$150,091,278	100.0	\$75,407,894	100.0
Less than \$5,000.....	10	8	0.4	55,928	0.5	35,637	0.7	Less than \$5,000.....	134	55	0.2	317,494	0.2	202,863	0.3
\$5,000 to \$20,000.....	25	37	1.8	223,059	2.1	130,129	2.5	\$5,000 to \$20,000.....	183	458	1.6	1,337,441	1.3	1,116,444	1.5
\$20,000 to \$100,000.....	18	156	7.6	626,915	5.0	331,234	6.5	\$20,000 to \$100,000.....	172	1,022	6.8	7,845,424	5.2	4,210,589	5.6
\$100,000 to \$500,000.....	5	412	19.9	1,220,872	11.5	801,376	15.6	\$100,000 to \$500,000.....	98	4,511	16.0	22,767,890	15.2	10,363,959	13.7
\$500,000 and over.....	4	1,453	70.3	8,497,154	80.0	3,823,764	74.7	\$500,000 and over.....	26	3,053	10.8	18,258,970	12.2	8,190,162	10.9
PLATTSBURG.....	39	787	100.0	4,015,151	100.0	1,787,799	100.0	\$1,000,000 and over.....	30	18,154	64.6	98,064,119	65.9	51,523,877	68.1
PORT CHESTER.....	49	2,685	100.0	17,189,079	100.0	6,915,863	100.0	TONAWANDA.....	37	1,833	100.0	16,463,877	100.0	8,630,461	100.0
Less than \$5,000.....	7	4	0.5	19,501	0.5	13,222	0.7	Less than \$5,000.....	5	10	0.78	10,678	0.1	6,751	0.1
\$5,000 to \$20,000.....	10	32	4.1	106,542	2.7	59,062	3.3	\$5,000 to \$20,000.....	10	95	0.67	95,067	0.6	59,416	0.7
\$20,000 to \$100,000.....	12	255	32.4	657,502	16.4	306,159	17.1	\$20,000 to \$100,000.....	8	62	3.4	344,706	2.1	159,842	1.9
\$100,000 and over.....	10	496	63.0	3,231,606	80.5	1,409,356	78.8	\$100,000 to \$500,000.....	6	311	17.0	1,633,120	9.9	920,142	10.7
PORT JERVIS.....	35	2,003	100.0	8,242,515	100.0	3,945,573	100.0	\$500,000 to \$1,000,000.....	3	228	12.4	2,244,398	13.6	898,883	10.4
Less than \$5,000.....	8	5	0.2	22,437	0.3	11,225	0.3	\$1,000,000 and over.....	5	1,209	66.0	12,135,908	73.7	6,579,417	76.2
\$5,000 to \$20,000.....	5	9	0.4	36,366	0.4	16,914	0.4	TROY.....	253	16,929	100.0	74,837,435	100.0	30,041,201	100.0
\$20,000 to \$100,000.....	14	154	7.7	541,944	0.6	260,359	0.6	Less than \$5,000.....	45	33	0.2	119,533	0.2	73,800	0.2
\$100,000 and over.....	8	1,835	91.6	7,641,768	92.7	3,656,775	92.7	\$5,000 to \$20,000.....	71	262	1.6	773,073	1.0	398,269	1.0
POUGHKEEPSIE.....	156	5,935	100.0	28,908,852	100.0	15,442,163	100.0	\$20,000 to \$100,000.....	77	1,166	7.3	3,062,844	4.9	1,910,038	4.9
Less than \$5,000.....	26	10	0.2	65,775	0.2	41,028	0.3	\$100,000 to \$500,000.....	40	2,328	14.0	10,213,026	13.6	4,515,268	11.6
\$5,000 to \$20,000.....	40	128	2.2	432,557	1.5	218,117	1.4	\$500,000 to \$1,000,000.....	8	1,262	7.9	5,188,262	6.9	2,760,524	7.1
\$20,000 to \$100,000.....	58	1,046	17.6	2,903,263	10.0	1,558,280	10.1	\$1,000,000 and over.....	12	10,878	68.8	54,878,007	73.3	29,377,302	75.2
\$100,000 to \$500,000.....	23	1,343	22.6	5,510,187	19.1	2,693,019	17.4	UTICA.....	370	16,423	100.0	77,745,720	100.0	35,536,871	100.0
\$500,000 to \$1,000,000.....	3	426	7.2	1,814,457	6.3	934,721	6.1	Less than \$5,000.....	85	41	0.2	213,689	0.3	117,633	0.3
\$1,000,000 and over.....	6	2,982	50.2	18,182,613	62.9	9,996,398	64.7	\$5,000 to \$20,000.....	115	284	1.7	1,174,539	1.5	598,843	1.7
RENSSLAER.....	22	1,363	100.0	9,800,098	100.0	5,015,692	100.0	\$20,000 to \$100,000.....	84	855	5.2	3,011,739	5.0	1,828,572	5.1
Less than \$5,000.....	7	3	0.2	21,199	0.2	15,066	0.3	\$100,000 to \$500,000.....	52	2,137	13.0	11,374,238	14.6	5,515,906	15.5
\$5,000 to \$20,000.....	6	27	2.0	63,170	0.6	27,446	0.5	\$500,000 to \$1,000,000.....	17	2,798	17.0	11,806,412	15.2	5,091,016	14.3
\$20,000 to \$100,000.....	3	41	3.0	97,978	1.0	50,070	1.2	\$1,000,000 and over.....	17	10,308	62.8	49,265,103	63.4	22,389,901	63.0
\$100,000 and over.....	6	1,202	94.8	9,617,751	98.1	4,914,110	98.0	WATERTOWN.....	82	3,914	100.0	19,037,081	100.0	9,190,141	100.0
ROCHESTER.....	1,307	63,792	100.0	351,416,379	100.0	187,133,325	100.0	Less than \$5,000.....	10	8	0.2	30,265	0.2	18,768	0.2
Less than \$5,000.....	278	101	0.3	719,536	0.2	453,205	0.2	\$5,000 to \$20,000.....	27	79	2.0	289,097	1.5	170,571	1.9
\$5,000 to \$20,000.....	373	1,113	1.7	4,150,235	1.2	2,404,587	1.3	\$20,000 to \$100,000.....	16	172	4.4	720,023	3.8	374,141	4.1
\$20,000 to \$100,000.....	398	5,167	8.1	18,540,328	5.3	11,070,728	5.9	\$100,000 to \$500,000.....	19	1,080	27.6	4,878,405	25.6	2,277,630	24.8
\$100,000 to \$500,000.....	197	10,682	16.7	44,319,765	12.0	23,590,435	12.6	\$500,000 to \$1,000,000.....	5	565	14.4	3,545,872	18.6	1,583,862	17.2
\$500,000 to \$1,000,000.....	51	3,354	10.0	36,202,054	10.3	17,038,049	9.1	\$1,000,000 and over.....	5	2,010	51.4	9,571,820	50.3	4,705,169	51.9
\$1,000,000 and over.....	70	40,285	63.2	247,483,561	70.4	132,476,631	70.8	WATERVLIET.....	34	1,600	100.0	8,502,864	100.0	4,168,220	100.0
ROME.....	71	4,428	100.0	34,868,489	100.0	11,496,337	100.0	Less than \$5,000.....	3	6	0.220	54,941	0.1	3,417	0.1
Less than \$5,000.....	15	9	0.2	32,504	0.1	20,031	0.2	\$5,000 to \$20,000.....	19	33	10.0	108,011	9.6	100,487	11.1
\$5,000 to \$20,000.....	15	71	1.6	147,458	0.4	78,615	0.7	\$20,000 to \$100,000.....	19	140	44.4	601,397	30.4	372,086	41.0
\$20,000 to \$100,000.....	20	165	3.7	917,038	2.0	410,966	3.6	\$100,000 to \$500,000.....	4	140	44.4	839,043	47.9	396,389	43.7
\$100,000 to \$500,000.....	9	475	10.7	2,163,050	0.2	952,727	8.3	YONKERS.....	218	11,032	100.0	140,016,501	100.0	33,566,621	100.0
\$500,000 to \$1,000,000.....	6	588	13.3	3,905,913	11.5	1,181,056	10.3	Less than \$5,000.....	57	17	0.1	146,710	0.1	100,409	0.3
\$1,000,000 and over.....	6	3,120	70.5	27,612,520	79.2	8,852,942	77.0	\$5,000 to \$20,000.....	70	166	1.4	704,066	0.6	492,218	1.5
SARATOGA SPRINGS.....	40	855	100.0	4,093,058	100.0	2,204,926	100.0	\$20,000 to \$100,000.....	59	631	5.3	2,570,703	1.8	1,421,991	4.2
Less than \$5,000.....	10	3	0.4	16,793	0.4	6,331	0.3	\$100,000 to \$500,000.....	20	645	5.4	4,825,504	3.4	2,240,742	6.7
\$5,000 to \$20,000.....	14	53	6.2	145,589	3.6	78,087	3.6	\$500,000 to \$1,000,000.....	4	375	3.1	2,521,011	1.8	1,313,038	3.9
\$20,000 to \$100,000.....	11	68	8.0	468,501	11.4	240,144	10.9	\$1,000,000 and over.....	8	10,098	84.6	129,151,968	92.2	27,997,323	83.4
\$100,000 and over.....	5	731	85.5	3,462,085	84.6	1,878,364	85.2	1Excludes Lackawanna and Schenectady to avoid disclosure of individual operations.							

MANUFACTURES—NEW YORK.

TABLE 14.—CHARACTER OF OWNERSHIP, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914.

INDUSTRY AND CITY.	Cen- sus year.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.						VALUE OF PRODUCTS.										
					In establishments owned by—			Per cent of total.			Total.			Of establishments owned by—			Per cent of total.				
		Total.	Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Dollars.	Dollars.	Dollars.	Dollars.	Individ- uals.	Corpora- tions.	All others.	Individ- uals.	Corpora- tions.	All oth- ers.
All industries.....	1919	23,108	14,383	11,839	1,228,130	134,143	933,622	160,365	10.9	76.0	13.1	\$8,867,004,906	\$925,821,484	\$3,548,076,609	\$1,393,106,813	10.4	73.8	15.7			
	1914	26,031	11,774	10,398	1,057,857	108,237	698,771	190,849	15.9	66.1	18.0	\$3,814,661,114	\$500,989,016	\$2,617,020,953	\$87,651,145	13.4	68.6	18.0			
	1909	25,407	9,345	10,183	1,003,981	104,240	589,771	210,070	19.3	58.7	21.9	\$3,360,490,192	\$552,350,324	\$2,108,026,670	\$709,113,198	16.4	62.6	21.0			
Agricultural implements..	1919	10	24	6	4,626	72	4,487	67	1.6	97.0	1.4	\$20,421,368	\$230,562	\$19,846,625	\$338,181	1.2	97.2	1.7			
	1914	14	29	7	5,392	90	5,283	39	1.7	97.6	0.7	\$14,570,694	\$187,918	\$14,137,363	\$251,413	1.3	97.0	1.7			
Artificial flowers	1919	89	30	38	3,031	1,238	1,028	765	40.8	33.9	25.2	\$12,385,732	\$4,981,117	\$3,935,554	\$3,469,061	40.2	31.8	28.0			
	1914	98	25	40	3,886	1,403	1,066	1,417	36.1	27.4	36.5	\$6,181,210	\$2,246,496	\$1,632,034	\$2,302,680	36.3	26.4	37.3			
Automobile bodies and parts.	1919	128	130	58	15,689	654	14,713	322	4.2	93.8	2.1	\$70,415,154	\$2,552,255	\$66,460,082	\$1,402,817	3.6	94.4	2.0			
	1914	77	106	32	6,340	411	5,711	218	6.5	90.1	3.4	\$17,439,581	\$982,861	\$15,090,842	\$1,356,878	5.6	86.6	7.8			
Bags, other than paper, not including bags made in textile mills.	1919	20	23	13	1,568	97	1,253	218	6.2	79.9	13.9	\$26,821,937	\$1,363,172	\$21,676,103	\$3,782,862	5.1	80.8	14.1			
	1914	11	16	3	1,362	61	1,105	196	4.5	81.1	14.4	\$8,962,397	\$339,800	\$6,799,819	\$1,822,778	3.8	75.9	20.3			
Bookbinding and blank-book making.	1919	188	115	94	8,513	1,606	5,955	952	18.9	70.0	11.2	\$27,892,678	\$5,018,164	\$20,159,559	\$2,714,055	18.0	72.3	9.7			
	1914	206	96	81	8,772	2,557	5,250	965	29.1	59.8	11.0	\$14,813,640	\$3,395,350	\$9,991,321	\$1,426,069	22.9	67.4	9.6			
Boots and shoes, not including rubber boots and shoes.	1919	112	170	58	34,710	2,469	29,929	2,312	7.1	86.2	6.7	\$190,475,939	\$12,631,933	\$165,976,739	\$11,867,267	6.6	87.1	6.2			
	1914	103	87	45	26,193	2,388	14,517	9,288	9.1	55.4	35.5	\$67,288,809	\$4,943,834	\$35,428,906	\$26,916,069	7.3	52.7	40.0			
Brass, bronze, and copper products.	1919	75	100	38	10,746	938	9,492	316	8.7	88.3	2.9	\$66,562,045	\$4,446,507	\$60,519,166	\$5,848,217	12.2	76.8	11.0			
	1914	99	73	56	6,627	1,110	4,781	736	16.7	72.1	11.1	\$23,934,582	\$2,660,315	\$18,924,247	\$2,871,020	11.1	70.0	9.0			
Bread and other bakery products.	1919	3,182	282	453	28,541	9,446	17,224	1,871	33.1	60.3	6.6	\$233,206,886	\$80,761,041	\$135,078,211	\$17,366,734	34.6	57.9	7.4			
	1914	3,630	203	416	27,002	12,273	12,466	2,263	45.5	46.2	8.4	\$109,227,959	\$48,684,066	\$51,033,433	\$9,510,400	44.6	46.7	8.7			
Canning and preserving, fruits and vegetables.	1919	337	105	73	4,835	606	3,747	302	14.4	77.5	8.1	\$26,534,556	\$3,496,345	\$21,006,745	\$2,031,466	13.2	79.2	7.7			
	1914	618	87	159	6,439	1,416	4,223	800	22.0	65.6	12.4	\$14,858,087	\$2,178,260	\$11,318,824	\$1,361,203	14.7	76.2	9.2			
Cheese.....	1919	262	203	133	1,002	233	554	215	23.3	55.3	21.5	\$26,539,612	\$9,209,404	\$11,678,373	\$5,651,835	34.7	44.0	21.3			
	1914	510	120	191	909	345	303	256	33.0	33.9	28.2	\$15,133,810	\$7,966,544	\$3,230,531	\$3,836,741	52.6	21.3	26.0			
Chemicals.....	1919	8	76	4	9,687	52	9,613	22	0.5	99.2	0.2	\$88,101,532	\$800,247	\$86,921,539	\$289,746	1.0	98.7	0.3			
	1914	10	57	3	7,780	1,167	7,613	-----	2.1	97.9	-----	\$42,876,880	\$1,1440,942	\$41,435,938	-----	3.4	96.6	-----			
Clothing, men's.....	1919	1,028	814	1,195	62,008	14,096	23,044	24,868	22.7	37.2	40.1	\$544,054,257	\$95,153,703	\$208,018,938	\$239,981,526	17.5	38.4	44.1			
	1914	1,258	182	917	64,927	21,056	19,617	24,254	32.4	30.2	37.4	\$197,368,800	\$38,624,036	\$62,319,712	\$96,425,052	19.5	31.6	48.9			
Clothing, women's.....	1919	1,806	997	2,485	102,652	26,710	31,386	44,556	26.0	30.6	43.4	\$886,988,509	\$214,842,610	\$251,121,149	\$421,019,750	24.2	28.3	47.5			
	1914	1,671	510	1,654	108,393	32,795	24,414	51,184	30.3	22.5	47.2	\$345,315,642	\$98,794,029	\$78,637,359	\$167,884,224	28.6	28.8	48.6			
Confectionery and ice cream. ²	1919	533	203	209	16,622	1,741	12,605	2,276	10.5	75.8	13.7	\$124,545,798	\$94,592,328	\$16,996,265	\$10,401,159	24.2	28.3	47.5			
	1914	294	144	104	12,149	3,081	7,513	1,555	25.4	61.8	12.8	\$41,898,647	\$10,170,006	\$26,411,590	\$5,317,392	24.3	63.0	12.7			
Copper, tin, and sheet-iron work.	1919	364	172	111	3,847	969	2,373	505	25.2	61.7	13.1	\$21,831,389	\$4,600,072	\$13,265,496	\$3,965,821	21.1	60.8	18.2			
	1914	409	134	125	4,864	1,601	2,503	610	34.8	52.7	12.5	\$14,932,871	\$5,117,068	\$8,006,754	\$1,839,019	34.2	53.5	12.3			
Cotton goods.....	1919	4	30	3	9,222	66	8,969	187	0.7	97.3	2.0	\$49,076,293	\$184,331	\$47,074,022	\$1,817,040	0.4	95.9	3.7			
	1914	4	23	3	7,800	75	7,449	276	1.0	95.5	3.5	\$15,671,038	\$337,547	\$14,638,725	\$694,766	2.2	93.4	4.4			
Dyeing and finishing textiles, exclusive of that done in textile mills.	1919	41	69	23	6,076	207	5,416	363	4.9	89.1	6.0	\$44,693,507	\$3,866,332	\$37,825,987	\$3,001,188	8.7	84.6	6.7			
	1914	34	43	22	5,514	366	4,784	364	6.6	86.8	6.6	\$16,302,576	\$1,167,860	\$18,350,988	\$1,283,733	7.2	85.0	7.9			
Electrical machinery, apparatus, and supplies.	1919	50	184	21	37,508	206	37,185	117	0.8	98.9	0.3	\$179,972,580	\$2,264,513	\$176,916,881	\$701,186	1.3	98.3	0.4			
	1914	50	151	14	23,738	553	23,079	106	2.3	97.2	0.4	\$73,944,708	\$1,637,412	\$71,990,474	\$316,822	2.2	97.4	0.4			
Fancy articles, not elsewhere specified.	1919	153	108	84	5,943	1,423	2,848	1,072	23.9	47.9	28.1	\$30,949,260	\$6,295,334	\$14,929,849	\$9,724,077	20.3	48.2	31.4			
	1914	112	65	58	2,928	882	1,254	792	30.1	42.8	27.0	\$7,446,561	\$1,972,013	\$2,784,698	\$2,689,850	26.5	37.4	30.1			
Flour-mill and gristmill products.	1919	309	136	211	3,012	417	2,292	303	13.8	76.1	10.1	\$155,272,104	\$13,490,187	\$131,642,404	\$8,097,496	8.7	84.8	6.5			
	1914	515	130	246	3,070	650	2,014	406	21.2	65.0	13.2	\$77,408,764	\$10,590,188	\$58,721,082	\$8,097,496	13.7	75.9	10.5			
Food preparations, not elsewhere specified.	1919	171	104	97	4,546	329	3,821	396	7.2	84.1	8.7	\$77,336,149	\$2,197,006	\$1,520,433	\$1,140,513	8.7	84.8	3.8			
	1914	147	93	47	4,031	315	3,301	415	7.8	81.9	10.3	\$7,748,316	\$1,492,421	\$2,369,882	\$4,853,508	6.0	78.9	15.1			
Foundry and machine-shop products. ³	1919	470	748	217	59,125	2,671	54,141	2,313	4.5	91.6	3.9	\$260,777,358	\$12,895,308	\$237,901,433	\$9,980,617	4.9	91.2	3.8			
	1914	629	640	232	40,761	3,259	34,736	2,766	8.0	85.2	6.8	\$102,896,817	\$8,483,676	\$87,491,572	\$8,561,569	6.7	85.0	3.3			
Fur goods.....	1919	472	109	637	8,890	2,096	2,717	4,087	23.5	30.6	46.0	\$134,219,190	\$28,473,245	\$33,605,076	\$72,050,869	21.2	25.1	53.7			
	1914	41																			

MANUFACTURES—NEW YORK.

TABLE 14.—CHARACTER OF OWNERSHIP, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914—Continued.

INDUSTRY AND CITY.	Cen-sus year.	NUMBER OF ESTABLISHMENTS OWNED BY—	AVERAGE NUMBER OF WAGE EARNERS.						VALUE OF PRODUCTS.									
			Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.				
				Individ-uals.	Cor-pora-tions.	All oth-ers.	Individ-uals.	Cor-pora-tions.	All oth-ers.		Individ-uals.	Cor-pora-tions.	All others.	Individ-uals.	Cor-pora-tions.	All oth-ers.		
Iron and steel, blast furnaces.	1919	9	2,210	2,210	—	—	100.0	—	—	Dollars.	Dollars.	Dollars.	—	100.0	—	—		
	1914	8	1,832	1,832	—	—	100.0	—	—	51,601,999	51,601,999	18,485,638	18,485,638	100.0	100.0	100.0		
Jewelry.	1919	315	133	269	5,511	1,226	2,416	1,869	22.2	43.8	33.0	67,400,968	18,365,005	22,185,011	26,850,952	27.2	32.9	39.8
	1914	313	87	166	5,051	1,398	1,795	1,858	27.7	35.5	36.8	21,810,245	5,859,871	0,972,679	8,977,695	26.0	32.0	41.2
Knit goods.	1919	250	266	160	41,372	2,719	33,855	4,818	6.6	81.8	11.6	195,376,641	17,598,682	150,332,752	27,445,207	9.0	76.0	14.0
	1914	198	176	109	40,095	3,347	31,610	5,138	8.3	78.8	12.8	78,229,235	6,874,023	6,701,789	8,502,823	8.8	80.2	11.0
Leather goods, not elsewhere specified.	1919	104	68	72	4,410	927	2,199	1,284	21.0	49.9	29.1	30,322,284	6,009,635	16,648,400	7,664,240	19.8	54.9	21.3
	1914	67	43	64	3,530	580	1,074	1,885	16.4	30.3	53.3	9,894,710	1,261,084	2,720,600	5,912,132	12.8	27.5	50.8
Leather, tanned, curried, and finished.	1919	26	47	21	7,056	476	5,647	933	6.7	80.0	13.2	98,094,503	4,320,537	82,708,776	10,063,190	4.4	84.4	11.2
	1914	30	32	36	5,300	816	2,604	1,940	15.2	48.6	36.2	36,018,342	3,234,642	17,003,237	15,780,463	0.0	47.2	43.8
Liquors, malt.	1919	7	91	3	6,814	396	6,383	35	5.8	93.7	0.5	99,496,650	8,835,476	90,184,735	470,448	8.9	90.0	0.5
	1914	16	129	8	9,826	675	9,042	109	6.9	92.0	1.1	85,673,426	6,634,825	78,441,471	597,130	7.7	91.0	0.7
Lithographing.	1919	46	84	6	6,675	483	6,122	70	7.2	91.7	1.0	30,543,800	2,183,884	28,172,062	187,944	7.1	92.2	0.6
	1914	54	79	13	6,503	557	5,507	439	8.6	84.7	6.8	16,958,785	1,321,410	14,679,308	958,058	7.8	80.6	5.6
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	181	233	101	8,455	1,026	6,615	814	12.1	78.2	9.6	49,440,846	5,800,885	39,434,124	4,190,837	11.8	79.8	8.5
	1914	242	246	119	11,475	1,515	7,951	2,000	13.2	69.3	17.5	36,449,837	4,735,609	25,147,174	6,507,154	13.0	69.0	18.0
Millinery and lace goods, not elsewhere specified.	1919	913	370	601	28,096	8,629	10,657	8,810	30.7	37.9	31.4	165,718,131	44,207,822	65,029,883	55,580,423	20.7	39.8	33.5
	1914	637	245	426	26,124	7,422	9,327	9,375	28.4	35.8	35.9	72,328,550	10,714,010	23,533,026	29,081,520	27.3	32.5	40.2
Musical instruments, pianos.	1919	8	68	3	6,908	208	6,589	51	3.9	95.4	0.7	37,978,813	1,333,981	36,453,680	191,143	3.5	96.0	0.5
	1914	13	80	10	8,202	524	7,553	125	6.4	92.1	1.5	24,400,201	2,181,666	21,742,476	482,119	8.0	80.1	2.0
Optical goods.	1919	42	42	17	6,130	295	5,061	174	4.8	92.3	2.8	20,009,441	1,457,099	17,769,414	872,028	7.2	88.4	4.3
	1914	33	25	12	2,988	160	2,757	71	5.4	92.3	2.4	5,692,173	550,605	4,930,025	205,043	9.7	86.7	3.6
Paints.	1919	19	71	7	2,835	95	2,621	119	3.4	92.5	4.2	44,120,831	1,466,684	40,325,508	2,337,039	3.3	91.4	5.3
	1914	30	61	14	2,655	237	2,130	283	8.9	80.2	10.8	22,425,058	1,700,143	18,035,394	2,690,421	7.0	80.4	12.0
Paper and wood pulp.	1919	7	136	13	17,571	202	17,044	325	1.1	97.0	1.8	120,381,032	1,533,118	125,432,701	2,415,213	1.2	96.9	1.9
	1914	16	119	15	13,570	234	13,108	228	1.7	96.6	1.7	56,335,081	944,718	748,642	1,771,321	1.7	97.0	1.3
Paper goods, not elsewhere specified.	1919	23	63	9	4,017	141	3,470	406	3.5	86.4	10.1	26,876,747	706,925	23,628,686	2,541,136	2.6	87.0	0.5
	1914	29	55	11	3,364	226	2,886	252	0.7	85.8	7.6	12,648,049	590,981	11,113,772	934,296	4.7	87.0	7.4
Patent medicines and compounds.	1919	128	245	30	4,546	258	4,251	37	5.7	93.5	0.8	57,057,977	2,695,580	54,770,425	482,072	4.7	94.5	0.8
	1914	216	289	61	2,794	345	2,303	146	12.3	82.4	5.2	25,650,716	2,215,211	22,317,867	1,087,038	8.6	87.1	4.2
Perfumery and cosmetics.	1919	69	91	19	2,462	422	1,738	302	17.1	70.6	12.3	25,499,207	3,382,708	19,419,944	2,606,465	13.3	76.2	10.6
	1914	69	72	18	1,254	161	898	205	12.0	71.6	16.3	7,280,251	645,310	5,243,408	1,400,533	8.0	71.0	19.2
Pickles, preserves, and sauces.	1919	43	52	12	2,714	208	2,407	99	7.7	88.7	3.6	25,096,637	1,254,768	22,903,117	938,752	5.0	91.3	3.7
	1914	54	33	20	2,179	367	1,702	1,649	10.3	16.8	75.7	7.5	9,075,193	1,050,290	1,133,214	20.2	68.1	11.7
Printing and publishing, book and job.	1919	1,382	738	416	26,096	4,436	10,584	2,076	17.0	75.0	8.0	149,123,075	22,473,052	115,109,814	11,450,600	15.1	77.3	7.7
	1914	1,385	597	387	25,800	5,553	18,149	2,098	21.5	70.3	8.1	78,841,261	13,098,215	57,445,218	7,307,828	17.8	72.9	9.4
Printing and publishing, newspapers and periodicals.	1919	528	816	238	23,164	1,603	20,640	831	7.3	89.1	3.6	252,109,402	10,754,180	234,057,080	7,207,536	4.3	92.8	2.9
	1914	633	812	272	20,089	2,081	16,181	1,827	10.4	80.5	9.1	137,753,800	9,240,704	110,371,142	9,141,954	0.7	86.7	6.6
Rubber tires, tubes, and rubber goods, not elsewhere specified.	1919	5	31	4	5,370	15	5,341	14	0.3	99.5	0.3	33,033,202	80,435	32,875,235	68,532	0.3	99.5	0.2
	1914	12	27	6	3,033	35	3,511	87	1.0	96.6	2.4	10,228,445	9,776,300	306,670	0.8	95.6	3.6	
Shirts.	1919	90	111	133	12,136	1,319	5,528	5,289	10.0	45.6	43.6	97,851,812	9,083,085	42,203,614	46,564,513	0.3	43.1	47.6
	1914	92	68	110	16,443	1,702	5,565	9,170	10.4	33.8	55.8	41,257,891	4,321,417	10,787,118	20,140,356	10.5	26.1	63.4
Silk goods.	1919	39	98	44	13,842	565	10,482	2,295	4.2	78.0	17.2	81,682,572	5,107,040	62,828,610	13,050,016	0.4	76.0	16.7
	1914	39	75	29	11,659	800	8,702	2,097	7.4	74.6	18.0	29,200,763	2,126,408	18,665,119	8,460,176	7.3	63.8	23.9
Slaughtering and meat packing.	1919	58	46	26	6,646	272	6,047	327	4.1	91.0	4.0	256,038,303	12,536,841	228,233,892	15,267,060	4.9	89.1	0.0
	1914	92	50	42	6,245	675	4,988	584	10.8	79.8	9.4	144,236,102	15,103,930	113,212,001	15,860,072	10.5	78.5	11.0
Stamped and enameled ware, not elsewhere specified.	1919	17	50	7	8,059	213	7,757	89	2.6	96.3	1.1	34,700,308	1,383,298	33,032,608	293,402	4.0	95.2	0.8
	1914	14	42	5	6,700	204	6,372	130	3.0	95.0	1.0	15,406,087	600,500	14,098,654	190,927	3.9	94.9	1.3
Structural ironwork, not made in steel works or rolling mills.	1919	124	131	46	4,872	661	3,988	223	13.6	81.9	4.6	27,425,034	3,332,518	22,595,438	1,407,078	12.2	82.4	5.5
	1914	153	142	67	7,620	930	6,126	570	12.2	80.3	7.5	22,063,798	18,124,016	1,070,399	1,070,399	10.3	82.1	7.6
Tinware, not elsewhere specified.	1919	21	42	12	6,889	204	6,400	276	3.0	93.0	4.0	43,312,581	1,122,025	40,330,722	1,850,234	2.6	93.1	4.3
	1914	20	36	6	4,470	389	3,049	132	8.7	88.3	3.0	14,362,097	758,000	13,258,702	344,016	5.3	92.3	2.4
Tobacco, cigars and cigarettes.	1919	1,811	140	206	21,095	4,047	15,277	1,771	19.2	72.4	8.4	163,104,747	16,503,350	139,194,437	7,406,000	10.1	85.3	4.5
	1914	2,391	144	263	30,111	6,663	19,031	4,417	22.1	63.2	14.7	86,489,307	13,484,463	61,045,877	11,058,067	15.6	71.0	12.8
Typewriters and supplies.	1919	4	28	4	5,400	54	5,270	76	1.0									

MANUFACTURES—NEW YORK.

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TABLE 14.—CHARACTER OF OWNERSHIP, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914—Continued.

INDUSTRY AND CITY.	Cen-sus year.	NUMBER OF ESTABLISHMENTS OWNED BY—	AVERAGE NUMBER OF WAGE EARNERS.						VALUE OF PRODUCTS.									
			Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Percent of total.				
				Individ-uals.	Cor-pora-tions.	All oth-ers.	Individ-uals.	Cor-pora-tions.	All oth-ers.		Individ-uals.	Cor-pora-tions.	All others.	Individ-uals.	Cor-pora-tions.	All oth-ers.		
Total for cities ¹ .	1919	19,088	12,257	10,480	1,055,002	124,324	778,241	152,437	11.8	73.8	14.4	7,764,845,187	859,479,565	5,558,258,173	1,347,107,449	11.1	71.6	17.3
	1914	20,605	9,844	8,627	904,817	158,298	577,577	173,942	16.9	63.8	19.2	3,319,199,163	457,870,927	2,233,428,769	622,899,467	13.8	67.4	18.8
ALBANY.	1919	177	139	66	11,216	851	9,516	849	7.6	84.8	7.6	45,454,955	3,604,540	39,281,424	2,588,091	7.9	86.4	5.7
	1914	273	114	89	9,371	1,063	6,448	1,860	11.3	68.8	19.8	25,211,390	3,172,376	17,000,280	4,438,734	12.6	69.8	17.6
AMSTERDAM.	1919	51	31	35	10,713	171	7,991	2,551	1.6	74.0	23.8	52,851,242	773,529	38,703,971	13,373,742	1.5	73.2	25.3
	1914	53	35	29	10,774	248	8,436	2,090	2.3	78.3	19.4	22,474,691	739,859	16,778,410	4,956,422	3.3	74.7	22.1
AUBURN.	1919	77	42	35	7,272	331	6,634	307	4.6	91.2	4.2	40,642,435	1,536,105	37,490,150	1,616,000	3.8	92.2	4.0
	1914	58	37	28	5,769	916	4,689	164	15.9	81.3	2.8	16,688,249	1,603,755	14,685,229	397,265	9.0	88.0	2.4
BATAVIA.	1919	20	19	6	2,226	150	1,920	156	0.7	86.3	7.0	9,414,705	1,185,786	7,570,069	658,850	12.6	80.4	7.0
	1914	28	17	12	2,457	146	2,170	141	5.9	88.3	5.7	5,339,782	367,048	4,585,041	387,693	6.9	85.9	7.3
BEACON.	1919	16	18	1	2,162	114	2,047	1	5.3	94.7	(*)	9,650,394	435,683	9,204,211	10,500	4.5	95.4	0.1
	1914	21	13	7	1,806	157	1,123	526	8.7	62.2	29.1	3,519,574	584,593	2,000,711	888,270	16.0	58.7	25.2
BINGHAMTON.	1919	100	86	42	7,477	418	6,690	369	5.6	89.5	4.9	40,637,625	2,013,667	37,117,354	1,506,604	5.0	91.3	3.7
	1914	124	82	39	7,248	501	6,360	387	6.9	87.7	5.3	18,359,516	1,182,458	16,219,899	957,129	6.4	88.3	5.2
BUFFALO.	1919	1,037	791	265	75,899	4,556	68,828	2,515	6.0	90.7	3.3	634,409,733	27,104,334	587,906,124	19,399,275	4.3	92.7	3.1
	1914	1,210	706	309	54,416	5,373	45,708	3,335	9.9	84.0	0.1	247,516,476	18,473,036	215,705,557	13,336,883	7.5	87.1	5.4
COHOES.	1919	36	43	14	5,013	264	4,331	418	5.3	86.4	8.3	21,551,429	1,175,154	18,467,736	1,908,539	5.5	85.7	8.9
	1914	41	47	18	5,781	357	5,190	234	6.2	89.8	4.0	11,706,401	884,095	10,509,793	312,573	7.6	89.8	2.7
CORNING.	1919	22	18	5	3,517	130	3,362	25	3.7	95.6	0.7	10,774,091	456,953	10,213,329	103,809	4.2	94.8	1.0
	1914	25	20	13	2,203	194	1,947	62	8.8	88.4	2.8	3,942,226	418,851	3,421,377	113,998	10.6	86.5	2.9
CORTLAND.	1919	21	25	13	3,013	45	2,853	115	1.5	94.7	3.8	14,902,884	196,584	14,318,204	388,096	1.3	96.1	2.6
	1914	22	22	15	2,459	48	2,299	112	2.0	93.5	4.6	6,437,659	168,947	5,616,223	652,492	2.6	87.2	10.1
DUNKIRK.	1919	34	30	5	4,319	54	4,263	2	1.3	98.7	(*)	28,028,067	265,800	27,714,621	47,046	0.9	98.9	0.2
	1914	29	26	7	2,989	36	2,934	19	1.2	98.2	0.6	8,366,767	147,524	8,137,304	81,939	1.8	97.3	1.0
ELMIRA.	1919	65	55	22	8,024	506	7,380	138	6.3	92.0	1.7	33,494,164	1,989,169	30,711,167	813,828	5.9	91.7	2.4
	1914	76	49	20	4,870	437	4,307	126	9.0	88.4	2.6	12,597,024	1,119,671	11,090,508	386,847	8.9	88.0	3.1
FULTON.	1919	16	27	5	3,627	38	3,568	21	1.0	98.4	0.6	28,096,490	202,385	22,786,502	107,612	0.9	98.7	0.5
	1914	23	28	—	3,042	59	2,983	—	1.9	98.1	—	9,571,962	270,356	9,301,606	—	2.8	97.2	—
GENEVA.	1919	21	23	4	2,428	121	2,302	5	5.0	94.8	0.2	10,219,321	634,982	9,546,920	37,418	6.2	93.4	0.4
	1914	21	22	9	1,602	96	1,550	46	5.7	91.6	2.7	5,240,962	269,488	4,883,616	87,858	5.1	93.2	1.7
GLENS FALLS.	1919	29	33	13	2,784	138	2,249	397	5.0	80.8	14.3	11,503,066	927,425	9,483,496	1,002,145	8.1	82.4	9.5
	1914	36	28	18	2,532	157	2,106	269	8.2	83.2	10.6	6,535,019	448,584	5,473,623	612,812	6.0	83.8	9.4
GLOVERSVILLE.	1919	87	60	59	5,612	837	2,888	1,887	14.9	51.5	33.6	38,913,000	5,853,368	24,237,229	9,022,403	14.5	62.3	23.2
	1914	113	39	59	3,335	1,218	1,837	2,280	22.8	34.4	42.7	13,384,213	2,594,673	5,671,117	5,218,423	10.4	41.6	39.0
HERKIMER.	1919	17	12	5	1,370	71	1,244	55	5.2	90.8	4.0	3,932,645	255,906	3,528,845	147,894	6.5	89.7	3.8
HORNELL.	1919	19	19	5	1,851	37	1,799	15	2.0	97.2	0.8	7,339,419	206,510	6,984,123	148,786	2.8	95.2	2.0
	1914	18	20	8	2,285	28	2,231	26	1.2	97.8	1.1	4,847,594	96,595	4,640,127	110,872	2.0	95.7	2.3
HUDSON.	1919	32	19	7	1,481	91	1,354	36	6.1	91.4	2.4	7,514,339	373,474	7,071,887	88,978	5.0	94.1	0.9
	1914	25	16	7	1,423	70	1,312	41	4.9	92.2	2.9	3,736,941	182,808	3,432,282	121,851	4.9	91.8	3.3
ILION.	1919	7	6	1	5,215	13	5,202	—	0.2	99.8	—	13,702,047	90,358	13,607,402	4,237	0.7	99.3	(*)
ITHACA.	1919	25	31	16	1,890	166	1,437	87	9.8	85.0	5.1	9,934,693	700,961	8,804,360	339,372	7.1	89.5	3.4
	1914	30	21	17	815	205	511	99	25.2	62.7	12.1	2,243,892	551,804	1,470,350	221,738	24.6	65.5	9.9
JAMESTOWN.	1919	31	89	33	8,559	162	7,451	946	1.9	87.1	11.1	37,985,306	476,206	33,288,934	4,240,076	1.3	87.6	11.2
	1914	41	80	41	7,794	131	6,465	1,198	1.7	82.9	15.4	17,061,429	365,505	15,256,562	2,330,362	2.0	84.9	13.0
JOHNSTOWN.	1919	40	24	48	2,664	367	948	1,349	13.8	35.6	50.6	17,502,938	2,402,204	7,082,250	8,018,484	13.7	40.5	45.8
	1914	59	17	50	2,532	573	614	1,345	22.6	24.2	53.1	6,788,636	1,252,154	1,640,237	3,896,245	18.4	24.2	57.4
KINGSTON.	1919	52	48	21	3,903	267	2,919	717	6.8	74.8	18.4	15,857,451	1,606,556	11,947,453	2,303,442	10.1	75.3	14.5
	1914	57	37	24	3,076	282	2,271	523	9.2	73.8	17.0	1,047,407	6,445,455	4,805,630	392,518	16.2	74.6	9.2
LITTLE FALLS.	1919	20	18	13	3,688	78	3,457	153	2.1	93.7	4.1	24,851,536	455,492	23,752,273	643,771	1.8	95.6	2.6
	1914	19	18	12	3,823	97	3,401	325	2.5	89.0	8.5	9,927,246	438,602	8,030,126	1,458,518	4.4	80.9	14.7
LOCKPORT.	1919	42	46	20	4,074	164	3,770	140	4.0	92.5	3.4	29,302,597	772,317	27,703,942	826,333	2.6	94.5	2.8
	1914	51	45	21	2,381	206	1,997	178	8.7	83.9	7.5	8,954,931	481,759	8,055,100	418,072	5.4	90.0	4.7
MIDDLETOWN.	1919	40	27	11	2,162	199	1,758	205	9.2	81.3	9.5	9,803,344	886,717	8,573,197	343,430	9.0	87.5	3.5
	1914	49	19	9	1,989	327	1,353	309	16.4	68.0	15.5	4,442,792	1,048,911	2,752,130	641,751	23.6	61.9	14.4
MOUNT VERNON.	1919	80	49	30	2,746	358	2,007	381	13.0	78.1	13.9	12,003,417	1,940,101	8,534,066	1,529,250	16.2	71.1	12.7
	1914	78	32	23	1,346	246	1,782	318	18.3	58.1	23.6	3,167,173	611,322	1,921,055	634,750	19.3		

MANUFACTURES—NEW YORK.

TABLE 14.—CHARACTER OF OWNERSHIP, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914—Continued.

INDUSTRY AND CITY.	Cen-sus year.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS,						VALUE OF PRODUCTS.							
					In establishments owned by—			Per cent of total.			Of establishments owned by—			Per cent of total.				
		Indi-viduals.	Cor-pora-tions.	All oth-ers.	Total.	Indi-viduals.	Cor-pora-tions.	All oth-ers.	Indi-viduals.	Cor-pora-tions.	All oth-ers.	Total.	Individ-uals.	Corpora-tions.	All others.	Indi-viduals.	Cor-pora-tions.	All oth-ers.
NEW YORK CITY.....	1919	14,921	8,096	8,973	638,775	102,607	409,035	127,133	16.1	64.0	19.9	5,260,707,577	754,135,789	3,287,177,364	1,219,394,424	14.3	62.5	23.2
	1914	15,771	6,756	7,094	585,279	126,839	312,747	145,093	21.7	53.4	24.9	2,292,831,692	388,050,620	1,355,755,281	548,110,702	17.0	59.1	23.9
BRONX BOROUGH.....	1919	813	333	219	20,036	2,841	15,111	2,084	14.2	75.4	10.4	114,975,501	17,711,051	84,000,981	12,594,469	15.4	73.6	11.0
	1914	796	299	176	19,387	2,525	14,416	2,446	13.0	74.4	12.6	58,708,792	8,122,404	44,872,927	5,713,371	13.8	76.4	9.7
BROOKLYN BOROUGH.....	1919	3,687	1,080	1,362	166,724	20,002	125,773	20,949	12.0	75.4	12.6	1,184,973,144	112,209,769	900,829,800	171,933,575	9.5	76.0	14.5
	1914	3,692	1,286	1,118	140,881	25,748	89,653	25,480	18.3	63.6	18.1	515,302,755	61,770,252	359,267,657	94,264,846	6.6	69.7	18.3
MANHATTAN BOROUGH.....	1919	9,610	6,183	7,188	386,907	75,725	209,390	101,786	19.6	54.1	26.3	3,525,574,630	601,322,217	1,905,516,535	1,018,735,787	17.1	54.0	28.9
	1914	10,361	4,849	5,677	385,902	95,267	175,507	115,038	24.7	45.5	20.8	1,519,143,429	307,835,829	770,663,104	440,644,490	20.3	50.7	29.0
QUEENS BOROUGH.....	1919	672	406	171	47,222	3,499	41,800	1,923	7.4	88.5	4.1	331,285,204	19,049,417	298,607,706	12,728,171	6.0	90.1	3.8
	1914	598	271	106	31,630	2,672	26,487	2,471	8.4	83.7	7.8	164,789,481	7,995,836	149,817,936	6,975,709	4.9	90.9	4.2
RICHMOND BOROUGH.....	1919	139	80	33	17,886	540	16,955	391	3.0	94.8	2.2	103,809,009	2,043,335	97,553,342	3,402,422	2.8	93.0	3.3
	1914	124	51	17	7,479	627	6,594	258	8.4	88.2	3.4	34,887,236	3,232,200	31,133,657	521,370	9.3	89.2	1.5
NEWBURGH.....	1919	36	52	13	5,389	139	4,896	354	2.6	90.9	6.6	29,872,407	793,522	26,970,715	2,009,170	2.7	90.3	7.0
	1914	67	46	15	4,318	230	3,738	350	5.3	86.6	8.1	9,986,564	649,908	8,784,892	551,704	6.5	88.0	5.5
NIAGARA FALLS.....	1919	64	89	33	12,238	190	11,933	115	1.6	97.5	0.9	80,247,170	1,336,523	87,081,478	820,169	1.5	97.6	1.0
	1914	49	83	24	9,390	159	9,074	157	1.7	96.6	1.7	44,816,698	537,920	43,440,770	838,008	1.2	96.9	1.9
NORTH TONAWANDA.....	1919	20	38	7	4,366	86	4,173	107	2.0	95.6	2.5	25,430,663	916,958	23,947,714	565,001	3.6	94.2	2.2
	1914	32	42	.....	3,574	142	3,432	.....	4.0	96.0	.....	10,040,356	462,300	0,577,966	.....	4.6	95.4	.....
OGDENSBURG.....	1919	30	24	3	757	125	629	3	10.5	83.1	0.4	5,154,923	498,984	4,616,472	39,467	9.7	89.6	0.8
	1914	38	26	7	898	168	704	26	18.7	78.4	2.9	3,401,045	493,861	2,789,800	117,384	14.5	82.0	3.5
OLEAN.....	1919	23	30	13	4,669	53	4,234	382	1.1	90.7	8.2	32,121,169	271,926	30,920,097	928,246	0.8	96.3	2.9
	1914	18	24	11	2,633	134	2,342	157	5.1	88.9	6.0	11,577,282	735,146	10,480,172	361,964	6.3	90.5	3.1
ONEIDA.....	1919	26	13	8	1,207	265	355	87	22.0	70.8	7.2	5,403,164	1,081,534	3,603,808	647,822	19.6	88.4	12.0
ONEONTA.....	1919	12	10	9	1,657	42	1,404	151	2.5	88.4	9.1	5,028,730	271,728	4,207,247	1,149,764	4.8	74.7	20.4
	1914	18	8	10	1,337	50	1,170	117	3.7	87.5	8.8	2,372,500	177,570	1,489,012	705,024	7.5	62.8	29.7
OSSINING.....	1919	13	14	4	387	21	351	15	5.4	90.7	3.9	2,301,450	124,495	2,077,855	99,100	5.4	90.3	4.3
	1914	22	10	.....	373	124	249	.....	33.2	66.8	.....	1,120,081	200,030	0,200,042	.....	17.9	82.1	.....
OSWEGO.....	1919	24	33	12	4,470	363	3,686	421	8.1	82.5	9.4	25,211,643	2,144,881	19,821,165	3,245,597	8.5	78.0	12.9
	1914	29	38	9	4,331	647	3,513	171	14.9	81.1	3.9	12,650,095	1,525,619	10,707,381	327,005	12.1	85.4	2.6
PEEKSKILL.....	1919	30	20	16	2,066	79	1,849	138	3.8	89.5	6.7	10,623,628	333,665	9,721,396	568,507	3.1	91.5	5.4
	1914	23	17	13	1,781	127	1,494	160	7.1	83.0	9.0	8,301,092	291,800	7,687,497	321,705	3.5	92.6	3.0
PLATTSBURG.....	1919	10	18	11	787	40	704	43	5.1	89.5	5.5	4,015,151	253,011	3,480,540	281,501	6.3	88.7	7.0
	1914	13	15	11	822	53	703	66	6.4	85.5	8.0	1,883,867	150,679	1,572,804	160,384	8.0	83.5	8.5
PORT CHESTER.....	1919	20	14	9	2,685	71	2,371	243	2.6	88.3	0.1	17,130,079	206,046	16,458,899	384,134	1.7	90.0	2.2
	1914	29	14	7	2,278	59	2,107	52	2.6	95.1	2.3	6,741,228	249,586	6,416,631	75,111	3.7	95.2	1.1
PORT JERVIS.....	1919	18	15	2	2,003	70	1,831	102	3.5	91.4	5.1	8,242,515	300,946	7,026,151	315,418	3.7	92.5	3.8
POUGHKEEPSIE.....	1919	60	66	30	5,035	224	5,350	361	3.8	90.1	6.1	28,908,952	1,140,467	20,441,462	1,320,923	3.9	91.5	4.6
	1914	85	62	29	4,729	496	3,971	262	10.5	84.0	5.5	12,791,325	1,583,733	10,460,062	741,530	12.4	81.8	5.8
RENSSELAER.....	1919	7	9	6	1,303	11	1,277	75	0.8	93.7	5.5	9,800,098	45,849	8,774,818	970,431	0.5	80.5	10.0
	1914	22	10	.....	811	49	702	.....	6.0	94.0	.....	2,755,418	462,220	2,293,189	.....	10.8	83.2	.....
ROCHESTER.....	1919	629	549	189	63,702	4,967	55,195	3,030	7.8	86.5	5.7	351,410,370	15,428,844	310,560,800	19,417,735	4.4	90.1	5.5
	1914	636	433	175	44,113	5,745	34,443	3,925	13.0	78.1	8.9	140,600,682	9,178,809	117,270,065	14,247,808	4.8	88.3	10.1
ROME.....	1919	30	29	12	4,428	172	4,106	60	3.9	94.8	1.4	34,808,480	540,862	34,037,206	200,421	1.6	97.6	0.8
	1914	53	31	11	3,937	233	3,628	76	5.0	92.2	1.0	16,730,978	478,452	15,898,091	352,035	2.9	95.0	2.1
SARATOGA SPRINGS.....	1919	24	13	3	855	85	700	10	9.9	88.0	1.2	4,093,058	341,666	3,600,112	52,280	8.3	90.4	1.8
	1914	25	20	6	869	63	786	20	7.2	90.4	2.3	2,803,451	213,753	2,006,708	72,900	7.4	90.1	2.5
SCHENECTADY.....	1919	69	36	26	21,062	260	20,744	58	1.2	98.5	0.3	106,531,182	1,704,986	104,376,677	440,510	1.6	98.0	0.4
	1914	111	40	34	17,707	204	17,263	180	1.5	97.5	1.0	48,762,807	934,742	47,314,268	513,707	1.9	97.0	1.1
SYRACUSE.....	1919	288	242	113	28,153	1,408	25,389	1,206	5.2	90.2	4.6	150,091,278	7,733,401	136,277,865	6,070,952	5.2	90.8	4.1
	1914	396	230	116	17,551	2,400	13,713	1,432	13.7	78.1	8.2	52,163,040	5,630,408	42,476,918	4,047,554	10.8	81.4	7.8
TONAWANDA.....	1919	15	17	5	1,833	43	1,631	159	2.3	89.0	8.7	16,403,877	224,122	14,007,128	1,542,627	1.4	89.3	0.4
TROY.....	1919	104	107	42	15,920	661	12,605	2,663	4.1	79.1	16.7	74,837,435	2,650,732	61,856,901	10,320,802	3.6	82.7	13.8
	1914	181	119	64	17,421	595	13,823	3,003	3.4	79.3	17.2	17,920,850	1,769,487	12,444,010	5,715,447	4.4	81.3	14.3
UTICA.....	1919	173	134	63	16,423	786	15,272	365	4.8	93.0	2.2	77,745,720	4,235,025	71,896,126	1,614,560	5.4	92.5	2.1
	1914	152	111	43	12,714	670	10,215	1,823	5.3	80.								

MANUFACTURES—NEW YORK.

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TABLE 15.—MANUFACTURES, BY POPULATION GROUPS, IN CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

	Census year.	Aggregate.	CITIES HAVING A POPULATION OF 10,000 OR OVER.								THE STATE OUTSIDE OF CITIES HAVING A POPULATION OF 10,000 OR OVER. ¹	
			Total.		10,000 to 25,000.		25,000 to 100,000.		100,000 and over.			
			Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.		
Number of places.....	1919	57	35	.....	16	.....	6	.....	.....	.....	.....
1914	52	30	17	.....	5	.....	5	.....	.....	.....	.....
1909	50	29	16	.....	5	.....	5	.....	.....	.....	.....
Population ²	1920	10,385,227	8,085,128	77.9	522,221	5.0	755,097	7.3	6,807,810	65.6	2,300,099	22.1
1915	9,899,761	7,523,465	76.0	453,687	4.6	784,736	7.9	6,285,042	63.5	2,376,296	24.0	
1910	9,113,614	6,756,593	74.1	425,022	4.7	685,322	7.5	5,646,249	62.0	2,357,021	25.9	
Number of establishments.....	1919	49,330	41,825	84.8	2,039	4.1	2,493	5.1	37,293	75.6	7,505	15.2
1914	48,203	39,066	81.0	1,956	4.1	2,802	5.8	34,308	71.2	9,137	19.0	
1909	44,935	34,429	76.6	1,913	4.3	2,494	5.6	30,022	66.8	10,506	23.4	
Average number of wage earners.....	1919	1,228,130	1,055,002	85.9	80,930	7.3	135,305	11.0	820,767	67.6	173,128	14.1
1914	1,057,857	904,517	85.5	64,432	6.1	129,605	12.3	710,730	67.2	153,040	14.5	
1909	1,003,981	850,627	85.3	67,169	6.7	117,066	11.7	672,452	67.0	147,354	14.7	
Value of products.....	1919	\$8,867,004,006	\$7,764,845,187	87.6	\$483,822,427	5.5	\$698,926,277	7.9	\$6,582,096,483	74.2	\$1,102,159,719	12.4
1914	3,814,661,114	3,319,199,163	87.0	180,360,302	4.9	374,418,620	9.8	2,758,420,181	72.3	495,461,951	13.0	
1909	3,369,490,192	2,922,465,687	86.7	178,089,037	5.3	313,200,836	9.3	2,431,165,814	72.2	447,024,505	13.3	
Value added by manufacture.....	1919	3,923,790,987	3,505,305,895	89.3	215,102,009	5.5	337,102,709	8.6	2,953,100,487	75.3	418,485,092	10.7
1914	1,706,053,753	1,516,875,170	89.9	75,742,725	4.4	193,543,725	9.6	1,277,588,720	74.9	189,178,583	11.1	
1909	1,512,585,850	1,337,039,122	88.4	74,588,376	4.9	141,577,365	9.4	1,120,873,381	74.1	175,546,728	11.6	

¹ Includes Lackawanna to avoid disclosure of individual operations.² Population of 1920, as of Jan. 1; 1920; 1915, estimated population as of July 1, 1914 (per reports census of manufactures, 1914); 1910, as of Apr. 15, 1910.

TABLE 16.—PRINCIPAL INDUSTRIES IN EACH OF THE BOROUGHS COMPRISING NEW YORK CITY AND IN CITIES HAVING 50,000 INHABITANTS OR MORE, WITH PER CENT OF TOTAL FOR STATE: 1919.

BOROUGH, CITY, AND INDUSTRY.	VALUE OF PRODUCTS.				BOROUGH, CITY, AND INDUSTRY.	VALUE OF PRODUCTS.					
	Amount, 1919.	Per cent of total for the state.	Increase ¹ over 1914.			Amount, 1919.	Per cent of total for the state.	Increase ¹ over 1914.			
			Amount.	Per cent.				Amount.	Per cent.		
MANHATTAN.											
Clothing, women's.....	\$834,787,476	94.1	\$507,906,400	155.4	QUEENS—Continued.						
Clothing, men's.....	443,302,957	81.5	293,808,731	196.5	Boots and shoes, not including rubber boots and shoes.....						
Printing and publishing, newspapers and periodicals.....	206,585,376	81.9	98,790,325	91.6	Cars and general shop construction and repairs by steam-railroad companies.....						
Slaughtering and meat packing.....	153,807,600	60.1	63,092,427	69.8	Chewing gum.....						
Millinery and lace goods, not elsewhere specified.....	149,524,390	90.2	80,100,671	135.8	Electrical machinery, apparatus, and supplies.....						
Fur goods.....	126,689,590	94.4	97,887,599	340.1	(2)	(2)	(2)	(2)	(2)		
Printing and publishing, book and job.....	120,009,793	80.5	57,278,319	91.3	Engines, steam, gas, and water.....						
Tobacco, cigars and cigarettes.....	105,251,132	64.5	45,659,843	70.9	Gas, illuminating and heating.....						
Bread and other bakery products.....	104,685,487	44.9	66,063,998	115.3	Petroleum, refining.....						
Shirts.....	69,397,169	70.9	48,876,038	238.2	Smelting and refining, copper.....						
Jewelry.....	58,029,512	87.4	40,621,637	221.9	Sugar, refining, not including beet sugar.....						
Confectionery and ice cream.....	53,578,324	48.7	(2)	(2)	Tinware, not elsewhere specified.....						
Furnishing goods, men's.....	48,188,359	90.5	29,003,757	151.2	BRONX.						
Liquors, malt.....	44,826,880	45.1	10,191,897	29.3	Musical instruments, pianos.....	\$11,891,041	31.3	(2)			
Foundry and machine-shop products ²	29,533,072	11.3	17,960,565	227.0	Bread and other bakery products.....	11,197,988	4.8	\$4,221,172	60.5		
Leather goods, not elsewhere specified.....	26,227,826	86.5	18,207,612	227.0	Millinery and lace goods, not elsewhere specified.....	7,262,034	4.4	3,523,096	94.3		
Silk goods.....	25,673,582	31.4	20,269,938	375.1	Knit goods.....	5,351,837	2.7	4,653,460	66.3		
Electrical machinery, apparatus, and supplies.....	25,500,698	14.2	15,661,172	157.7	Engines, steam, gas, and water.....						
BROOKLYN.											
Foundry and machine-shop products ²	48,004,748	18.4	23,216,451	93.7	Engraving, steel and copper plate, including plate printing.....						
Shipbuilding, steel.....	45,950,034	44.4	(2)	(2)	Gas, illuminating and heating.....						
Boots and shoes, not including rubber boots and shoes.....	45,158,036	23.7	28,005,134	163.3	Liquors, malt.....						
Knit goods.....	43,185,419	22.1	30,446,520	239.0	Minerals and earths, ground or otherwise treated.....						
Bread and other bakery products.....	39,397,797	16.9	19,886,903	101.9	Oil, linseed.....						
Tobacco, cigars and cigarettes.....	35,761,932	21.9	24,827,920	227.1	Oilcloth and linoleum, floor.....						
Clothing, men's.....	35,680,348	6.6	23,383,797	190.2	Paints.....						
Paints.....	30,830,999	69.9	16,086,583	109.0	Paper goods, not elsewhere specified.....						
Clothing, women's.....	26,695,969	3.0	14,571,689	120.2	Rubber tires, tubes, and rubber goods, not elsewhere specified.....						
Confectionery and ice cream.....	25,859,532	23.5	(2)	(2)	Soap.....						
Coffee, roasting and grinding.....	25,260,831	44.2	(2)	(2)	Surgical appliances.....						
Petroleum, refining.....	25,260,831	44.2	(2)	(2)	Varnishes.....						
Sugar, refining, not including beet sugar.....	(2)	(2)	(2)	(2)	RICHMOND.						
QUEENS.											
Bread and other bakery products.....	16,384,475	7.0	12,133,860	285.5	Shipbuilding, steel.....	30,300,293	29.3	(2)			
Silk goods.....	12,655,415	15.5	6,862,315	118.5	Shipbuilding, wooden, including boat building.....	6,444,741	22.6	5,955,260	1,216.6		
Stamped and enameled ware, not elsewhere specified.....	10,761,168	31.0	5,421,905	101.5	Bread and other bakery products.....	1,844,262	0.8	1,147,860	164.8		
Foundry and machine-shop products ²	7,071,713	2.8	5,457,056	338.0	Fireworks.....						
Patent medicines and compounds.....	6,864,525	11.8	(2)	(2)	Food preparations, macaroni, noodles, and sweetening syrups, other than cane.....						
Knit goods.....	5,490,931	2.8	4,298,783	300.6	Foundry and machine-shop products, machine shop.....						
Paints.....	5,341,378	12.1	3,011,356	129.2	Liquors, malt.....						

¹ Includes "iron and steel, welding"; "machine tools"; and "textile machinery and parts."² Figures can not be shown without disclosing individual operations.

MANUFACTURES—NEW YORK.

TABLE 16.—PRINCIPAL INDUSTRIES IN EACH OF THE BOROUGHS COMPRISING NEW YORK CITY AND IN CITIES HAVING 50,000 INHABITANTS OR MORE, WITH PER CENT OF TOTAL FOR STATE: 1919—Continued.

BOROUGH, CITY, AND INDUSTRY.	VALUE OF PRODUCTS.				BOROUGH, CITY, AND INDUSTRY.	VALUE OF PRODUCTS.				
	Amount, 1919.	Per cent of total for the state.	Increase ¹ over 1914.			Amount, 1919.	Per cent of total for the state.	Increase ¹ over 1914.		
			Amount.	Per cent.				Amount.	Per cent.	
ALBANY.										
Printing and publishing, book and job...	\$3,221,850	2.2	\$2,429,820	306.8	SCHENECTADY—Continued.					
Bread and other bakery products...	2,929,697	1.3	1,436,410	103.3	Lumber, planing-mill products, not including planing mills connected with sawmills...	\$549,322	1.1	\$213,776	133.2	
Liquors, malt...	2,712,340	2.7	—408,076	-14.7	Electrical machinery, apparatus, and supplies...					
Printing and publishing, newspapers and periodicals...	1,640,431	0.7	-691,492	-29.7	Gas, illuminating and heating...	(*)	(*)	(*)	(*)	
Cars and general shop construction and repairs by steam-railroad companies...					Locomotives, not made by railroad companies...					
Chemicals...					Printing and publishing, Job printing...					
Felt goods...					Varnishes...					
Knit goods...					SYRACUSE.					
Paper goods, not elsewhere specified...					Automobile bodies and parts...	21,834,834	31.0	19,967,393	1,060.2	
Stationery goods, not elsewhere specified...					Foundry and machine-shop products...	11,409,696	4.4	8,610,468	305.4	
BINGHAMTON.					Bread and other bakery products...	4,823,060	2.1	2,470,518	105.0	
Tobacco, cigars and cigarettes...	4,065,752	2.0	1,633,785	53.0	Clothing, men's...	4,373,485	0.8	1,875,457	75.1	
Foundry and machine-shop products...	2,571,549	1.0	2,157,611	521.2	Liquors, malt...	4,110,190	4.1	576,935	16.3	
Silk goods...	2,258,311	2.8	1,502,015	198.6	Printing and publishing, newspapers and periodicals...	2,072,512	1.2	1,537,175	107.1	
Furniture...	2,050,035	2.0	1,070,911	109.3	Candies...	2,537,227	80.9	1,250,441	97.2	
Patent medicines and compounds...	1,574,920	2.7	828,803	111.1	Confectionery and ice cream...	2,158,203	2.0	(*)		
Bread and other bakery products...	1,379,692	0.6	811,326	142.7	Knit goods...	1,775,426	0.9	929,054	100.8	
Clothing, men's...	1,204,131	0.2	(*)		Furniture, wood, other than rattan and willow, and store and office fixtures...	1,503,570	1.5	829,178	123.0	
Boots and shoes, not including rubber boots and shoes...					Lumber, planing-mill products, not including planing mills connected with sawmills...					
Flour-mill and gristmill products...					Printing and publishing, book and job...	1,349,303	2.8	699,571	107.7	
Hardware...					Tobacco, cigars...	1,247,743	0.8	515,081	70.3	
Photographic materials, motion-picture projection films...					Agricultural implements...	1,000,791	0.6	562,016	128.6	
Tinware, not elsewhere specified...					Aluminum manufactures...					
BUFFALO.					Automobiles...					
Flour-mill and gristmill products...	66,388,076	42.8	38,319,260	136.5	Boots and shoes, not including rubber boots and shoes...					
Slaughtering and meat packing...	63,171,876	24.7	33,787,670	115.0	Chemicals...					
Foundry and machine-shop products...	32,253,954	12.5	20,878,314	183.5	Coal-tar products...					
Iron and steel, blast furnaces...	21,365,260	41.4	(*)		Electrical machinery, apparatus, and supplies...					
Bread and other bakery products...	14,428,273	6.2	7,913,896	121.5	Flour-mill and gristmill products...					
Food preparations, not elsewhere specified...	12,603,784	16.3	8,486,597	206.1	Food preparations, not elsewhere specified...					
Soap...	12,106,907	23.8	3,272,045	37.0	Gas, illuminating and heating...					
Cars and general shop construction and repairs by steam-railroad companies...					Iron and steel, steel works and rolling mills...					
Liquors, malt...					Iron and steel forgings, not made in steel works or rolling mills...					
Rubber tires, tubes, and rubber goods, not elsewhere specified...					Lamps...					
Automobile bodies and parts...					Musical instruments, piano materials...					
Engines, steam, gas, and water...					Pottery, china, earthen, and stone ware...					
Leather, tanned, curried, and finished...					Tinware, not elsewhere specified...					
Furniture...					Typewriters and parts...					
Automobiles...					Washing machines and clothes wringers...					
Cars, steam-railroad, not including operations of railroad companies...					TROY.					
Coal-tar products...					Collars and cuffs, men's...	42,900,452	0.2	26,203,670	150.9	
Iron and steel, steel works and rolling mills...					Foundry and machine-shop products...	3,323,042	1.3	1,044,147	97.9	
Malt...					Bread and other bakery products...	1,800,123	0.8	656,380	57.4	
Oil, linseed...					Liquors, malt...	1,559,757	1.6	-1,204,077	-43.6	
Shipbuilding, steel...					Brushes...	1,521,775	10.9	718,245	89.4	
Stamped ware...					Clothing, women's...	1,470,070	0.2	(*)		
Steam fittings and steam and hot-water heating apparatus...					Flour-mill and gristmill products...					
NIAGARA FALLS.					Iron and steel, steel works and rolling mills...					
Chemicals...	30,831,880	35.0	(*)		Knit goods...					
Electrical machinery, apparatus, and supplies...	8,375,075	4.7	(*)		Cotton goods...					
Paper and wood pulp...	2,674,955	2.1	(*)		Clothing, men's...					
Foundry and machine-shop products...	1,008,275	0.4	(*)		Bread and other bakery products...					
Aluminum ware...					Foundry and machine-shop products...					
Bookbinding and blank-book making...					Firearms...					
Emery and other abrasive wheels...					Furniture...					
Flour-mill and gristmill products...					Iron and steel forgings, not made in steel works or rolling mills...					
Food preparations, not elsewhere specified...					Slaughtering and meat packing...					
Plated ware, knives, forks, spoons, and other flat ware...					Woolen goods...					
Roofing materials...					UTICA.					
ROCHESTER.					Knit goods...	22,008,428	11.3	12,532,887	132.3	
Clothing, men's...	40,391,983	7.4	20,631,610	104.4	Cotton goods...	17,221,118	35.1	(*)		
Boots and shoes, not including rubber boots and shoes...					Clothing, men's...	4,239,592	0.8	1,533,790	59.6	
Foundry and machine-shop products...	35,912,227	18.9	22,302,472	165.6	Bread and other bakery products...	2,007,708	0.9	1,363,584	211.7	
Electrical machinery, apparatus, and supplies...	23,937,288	9.3	17,351,021	263.4	Foundry and machine-shop products...	1,826,403	0.7	1,325,985	265.5	
Optical goods...					Firearms...					
Furniture...	12,316,481	61.3	(*)		Furniture...					
Flour-mill and gristmill products...	9,704,899	9.7	6,335,914	183.2	Iron and steel forgings, not made in steel works or rolling mills...					
Petroleum, refining...	8,078,806	5.2	3,728,264	85.7	Slaughtering and meat packing...					
Photographic materials...					Woolen goods...					
SCHEMECTADY.										
Bread and other bakery products...	1,469,717	0.6	879,402	149.0	Foundry and machine-shop products...	6,328,555	2.5	(*)		
Printing and publishing, newspapers and periodicals...	673,377	0.3	297,042	78.9	Druggists' preparations...	1,416,930	7.9	(*)		
					Clothing, women's...	1,164,875	0.1	(*)		

¹ A minus sign (—) denotes decrease.² Figures can not be shown without disclosing individual operations.³ Includes "iron and steel, welding" and "machine tools."⁴ Includes "machine tools."⁵ Includes "machin tools" and "textile machinery and parts."⁶ Includes "textile machinery and parts."

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TABLE 17.—NUMBER AND HORSEPOWER OF TYPES OF PRIME MOVERS: 1919, 1914, AND 1909.

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.					
	1919	1914	1909	Amount.			Per cent distribution.		
				1919	1914	1909	1919	1914	1909
Primary power, total.....	184,581	115,469	67,137	2,936,530	2,356,655	1,997,662	100.0	100.0	100.0
Owned.....									
Steam.....	14,327	18,883	21,239	1,755,986	1,670,993	1,579,977	59.8	71.2	79.1
Engines.....	9,265	11,223	12,538	1,299,548	1,165,731	1,084,460	44.3	49.5	64.3
Turbines.....	8,627	(2)	(2)	1,050,738	(2)	(2)	35.8	.....	.....
Internal-combustion engines.....	638	(2)	(2)	248,810	(2)	(2)	8.5	.....	.....
Water.....	3,070	4,530	4,656	113,415	118,330	99,899	3.9	5.0	5.0
Water wheels and turbines.....	1,986	3,130	4,045	343,023	392,032	395,618	11.7	16.7	19.8
Water motors.....	1,890	(2)	(2)	342,218	(2)	(2)	11.7	.....	.....
Other.....	96	(2)	(2)	805	(2)	(2)	.....	.....	.....
Rented.....	170,262	96,586	45,898	1,180,544	679,662	417,685	40.2	28.8	20.9
Electric.....	170,262	96,586	45,898	1,170,977	644,824	389,945	39.9	27.4	19.5
Other.....	.....	.....	9,567	34,688	27,740	0.3	1.4	1.4	.....
Electric.....	224,931	131,391	66,979	1,683,838	1,043,132	689,976	100.0	100.0	100.0
Rented.....	170,262	96,586	45,898	1,170,977	644,824	389,945	69.5	61.8	56.5
Generated by establishments reporting.....	54,669	34,805	21,081	512,861	398,308	300,031	30.5	38.2	43.5

¹ Figures for horsepower include for 1909 the amount reported under the head of "Other" owned power.² Not reported separately.

TABLE 18.—FUEL CONSUMED, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

INDUSTRY AND CITY.	COAL.		Coke (tons, 2,000 pounds).	Fuel oils (barrels).	Gasoline and other volatile oils (barrels).	Gas (1,000 cubic feet).
	Anthracite (tons, 2,240 pounds).	Bituminous (tons, 2,000 pounds).				
All industries.....	1919.....	3,805,763	11,533,633	3,019,517	6,571,949	125,025
	1914.....	3,617,927	9,831,153	2,274,487	5,103,039	(1)
	Per cent of increase.....	5.2	17.3	32.8	37.1	16.2
Agricultural implements.....		2,096	56,910	10,595	25,354	930
Automobile bodies and parts.....		5,091	51,217	727	60,448	635
Automobiles.....		6,858	59,096	133	5,195	7,907
Baking powders and yeast.....		1,548	100,309	.....	.....	133
Boots and shoes, not including rubber boots and shoes.....		11,761	74,381	285	23	2,021
Boxes, paper and other, not elsewhere specified.....		4,650	34,878	207	107	24,562
Brass, bronze, and copper products.....		33,771	75,270	10,144	87,569	2,328
Bread and other bakery products.....		227,376	41,507	16,893	742	2,966
Brick and tile, terra-cotta, and fire-clay products.....		48,058	117,713	1,488	4,088	4,238
Canning and preserving, fruits and vegetables.....		13,662	47,779	257	247	2,424
Carpets and rugs, other than rag.....		4,449	121,540	.....	85	.....
Cars and general shop construction and repairs by steam-railroad companies.....		143,023	313,957	6,175	56,113	603
Cement.....		10,260	342,356	120	10	.....
Cheese.....		22,942	54,113	46	11	291
Chemicals.....		64,883	483,708	95,439	5,210	358
Chocolate and cocoa products.....		18,313	12,723	277	.....	615
Coal-tar products.....		11,603	188,783	153	9,620	1,055
Coke, not including gas-house coke.....		.....	1,046,991	456	408	2,366
Condensed milk.....		19,246	214,143	.....	18	3,607
Confectionery and ice cream.....		72,696	29,915	886	195	1,248
Cordage and twine.....		11,252	18,346	.....	30	781
Cotton goods.....		32,369	96,416	7,930	951	157
Dyeing and finishing textiles, exclusive of that done in textile mills.....		43,769	81,038	1,043	3,028	25,834
Electrical machinery, apparatus, and supplies.....		37,625	274,014	20,085	92,196	2,627
Flour-mill and gristmill products.....		2,937	51,219	103	1,630	2,819
Food preparations, not elsewhere specified.....		12,208	40,119	319	74	888
Foundry and machine-shop products.....		68,701	293,142	125,332	294,052	9,942
Furniture.....		11,510	107,165	2,905	190	693
Gas, illuminating and heating.....		713,681	1,012,831	142,888	5,101,564	4,353
Glass.....		4,711	130,650	984	105,149	1,721
Glue, other than fish, not elsewhere specified.....		2,416	37,089	20	.....	.....
Grease and tallow, not including lubricating greases.....		4,715	45,152	57	.....	189
Ice, manufactured.....		71,655	181,928	3,124	12,805	145
Iron and steel, blast furnaces.....		.....	54,050	2,363,017	5,858	33
Iron and steel, steel works and rolling mills.....		4,396	1,074,618	34,876	149,178	4,731
Iron and steel forgings, not made in steel works or rolling mills.....		12,057	60,427	8,629	107,713	199
Knit goods.....		30,124	201,534	3	.....	944
Leather, tanned, curried, and finished.....		5,738	149,319	5	38	1,883
Lime.....		2,546	32,175	.....	73	15,155
Liquors, malt.....		137,877	226,756	2,200	115	5,436
Locomotives, not made by railroad companies.....		1,751	119,484	6,252	50,922	.....
Lumber, planing-mill products, not including planing mills connected with sawmills.....		11,539	98,567	1,564	134	618
Minerals and earths, ground or otherwise treated.....		23,552	16,914	112	57	43
Musical instruments, pianos.....		9,041	22,133	602	287	.....
Paints.....		30,920	20,754	1,965	637	278
Paper and wood pulp.....		415,064	984,537	2,753	283	121
Paving materials.....		251	44,751	96	2,441	528
Petroleum, refining.....		175,172	258,315	30,158	355,966	.....
Photographic materials.....		2,489	118,418	.....	817	6,925
Pottery.....		4,075	36,256	141	118	205

¹ Included in figures for fuel oils.

MANUFACTURES—NEW YORK.

TABLE 18.—FUEL CONSUMED, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919—Continued.

INDUSTRY AND CITY.	COAL.		Coke (tons, 2,000 pounds).	Fuel oils (barrels).	Gasoline and other volatile oils (barrels).	Gas (1,000 cubic feet).
	Anthracite (tons, 2,240 pounds).	Bituminous (tons, 2,000 pounds).				
Printing and publishing, newspapers and periodicals.....	66,031	18,448	48	1,231	779	183,842
Rubber tires, tubes, and rubber goods, not elsewhere specified.....	26,423	54,902	.....	250	1,507	7,103
Salt.....	81,251	153,640	16	3	44	.....
Shipbuilding, steel.....	5,970	45,508	3,684	19,539	4,557	7,528
Shipbuilding, wooden, including boat building.....	9,250	21,211	335	2,374	1,497	1,521
Silk goods.....	30,024	36,020	.....	4	106	16,675
Slaughtering and meat packing.....	64,632	115,434	4,327	49	1,966	36,938
Smelting and refining, copper.....	47,544	62,186	10,150	2,226	972	.....
Soap.....	16,343	94,278	497	1,203	2,701	2,229
Stamped and enameled ware, not elsewhere specified.....	12,674	23,805	1,809	69,321	2,972	16,009
Steam fittings and steam and hot-water heating apparatus.....	2,202	30,602	38,219	6,708	534	18,611
Sugar, refining, not including beet sugar.....	241,447	355,384	.....	.....	.....	.....
Wall plaster and composition flooring.....	7,685	20,808	889	.....	50	2,382
Wood distillation.....	24,417	46,869	.....	115	.....	.....
Woolen goods.....	3,169	33,310	885	.....	4	1,000
Worsted goods.....	2,904	74,300	.....	.....	490	.....
All other industries.....	566,664	971,393	60,335	222,870	33,234	2,125,624
Total for cities ¹	2,034,252	6,570,341	1,660,795	6,372,531	91,070	4,203,890
ALBANY.....	53,157	52,127	3,030	60,276	133	130,839
AMSTERDAM.....	1,375	90,241	2,520	4,224	237	16,225
AUBURN.....	8,892	62,017	4,780	22,427	270	19,880
BATAVIA.....	2,244	22,468	2,620	4,502	238	5,807
BEACON.....	7,542	13,888	1,380	1,748	3,491	2,267
BINGHAMTON.....	20,821	26,511	1,044	231,376	229	13,619
BUFFALO.....	100,749	912,277	1,012,623	171,771	26,007	919,869
COHOES.....	16,341	31,135	985	6,244	25	46
CORNING.....	4,339	73,521	1,984	5,771	36	77,319
CORTLAND.....	931	70,862	1,530	17,189	259	2,864
DUNKIRK.....	754	61,942	10,267	32,285	104	89,575
ELMIRA.....	3,166	84,398	4,357	33,855	1,300	9,832
FULTON.....	762	91,698	479	406	28	1,088
GENEVA.....	644	14,612	2,755	227	191	55,966
GLEN'S FALLS.....	28,923	48,885	822	101	267	2,576
GLOVERSVILLE.....	5,612	48,461	44	18,520	40	2,315
HERKIMER.....	316	14,857	100	.....	1	87
HORNELL.....	12,107	8,797	393	2,217	73	8,774
HUDSON.....	837	11,080	663	1,227	5	303
ILION.....	8,163	22,029	540	11,004	204	5,304
ITHACA.....	5,195	30,774	500	4,509	553	5,505
JAMESTOWN.....	1,285	92,538	315	885	434	65,980
JOHNSTOWN.....	1,546	20,100	32	.....	5	2,729
KINGSTON.....	11,472	16,685	707	4,004	52	4,310
LITTLE FALLS.....	240	46,198	188	1,974	.....	1,477
LOCKPORT.....	8,760	91,086	4,219	16,340	23	8,192
MIDDLETOWN.....	23,160	11,681	381	6,401	.....	7,819
OUNT VERNON.....	4,188	2,981	127	51	106	25,584
NEW ROCHELLE.....	2,303	2,201	.....	.....	412	3,067
NEW YORK CITY.....	2,100,218	2,037,155	235,070	5,009,009	33,818	1,090,842
BRONX BOROUGH.....	78,802	163,715	4,073	298,485	1,070	51,914
BROOKLYN BOROUGH.....	922,205	678,764	63,304	1,030,178	19,010	667,418
MANHATTAN BOROUGH.....	626,812	293,310	113,185	1,091,837	8,487	1,147,863
QUEENS BOROUGH.....	483,370	753,639	49,630	1,634,888	8,461	109,662
RICHMOND BOROUGH.....	87,969	147,727	4,702	54,611	851	18,985
NEWBURGH.....	40,052	32,246	1,225	11,054	418	4,414
NIAGARA FALLS.....	21,049	238,178	50,607	14,009	1,333	648
NORTH TONAWANDA.....	2,816	38,020	150,245	8,305	340	1,853
OGDENSBURG.....	1,279	6,784	162	10	5	539
OLEAN.....	122	186,146	1,520	30,303	91	48,295
ONEIDA.....	549	11,035	37	.....	34	1,886
ONEONTA.....	24,217	5,569	.....	1,710	30	281
OSSINING.....	2,199	2,655	5	5,163	4	847
OSWEGO.....	4,674	57,663	1,871	3,727	245	1,539
PEEKSKILL.....	2,905	100,256	1,810	4,548	.....	5,167
PLATTSBURG.....	14,118	3,802	217	30	3,934	180
PORT CHESTER.....	1,913	5,404	5,457	5,857	302	20,662
PORT JERVIS.....	3,814	10,296	75	4,248	253	593
POUGHKEEPSIE.....	9,283	43,057	3,802	21,475	162	28,012
RENSSELAER.....	7,511	28,244	.....	7,475	2	78
ROCHESTER.....	19,851	502,125	95,275	102,024	4,470	859,601
ROME.....	9,827	75,515	1,651	23,500	1,231	12,058
SARATOGA SPRINGS.....	3,774	1,642	559	4,656	83	212
SCHENECYADY.....	10,442	300,857	6,070	94,783	2,071	109,271
SYRACUSE.....	50,958	244,741	12,587	173,671	2,875	76,735
TONAWANDA.....	1,043	57,097	17,030	87	124	5,806
TROY.....	38,626	73,615	3,527	30,518	487	16,473
UTICA.....	56,989	122,780	8,580	60,811	1,823	21,142
WATERTOWN.....	1,835	74,869	5,543	22,148	349	5,600
WATERVLIET.....	2,082	17,907	709	11,820	89	3,001
WHITE PLAINS.....	2,023	1,026	.....	3,301	20	461
YONKERS.....	80,762	200,844	2,500	30,206	1,682	8,340

¹ Excludes Lackawanna, to avoid disclosure of individual operations.

SPECIAL STATISTICS.

For a number of important industries the Census Bureau collects, by means of special schedules, certain details which do not appear on the general schedule. Data of this character for certain important industries in New York are here presented.

Slaughtering and meat packing (Table 19).—This table presents for the census years 1919, 1914, and 1909, the kind, number, and cost of animals slaughtered and the cost of all other materials, which includes for 1919, poultry; horses; dressed meat, purchased for curing; cottonseed oil; curing materials; seasoning; materials for making ice; refrigeration; containers; fuel; rent of power; mill supplies; and freight. It also shows the quantity and value of the leading products which can be shown without disclosing individual operations. The item "All other products" includes canned goods, canned sausage, meat puddings, head cheese and scrapple, lard oil, hoofs, horns, horntips, strips and waste, skins (other than cattle, calf, and sheep), hog and cattle hair, and ice. The value of dressed poultry and horse meat is included in "Edible offal and all other fresh meat."

TABLE 19.—SLAUGHTERING AND MEAT PACKING: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$230,048,514	\$127,281,733	\$108,668,895
Animals slaughtered, cost.....	\$185,285,481	\$103,235,382	\$86,393,013
Beefes—			
Number.....	661,518	636,389	668,447
Cost.....	\$99,271,131	\$59,904,976	\$47,746,152
Calves—			
Number.....	572,055	378,197	377,121
Cost.....	\$14,248,013	\$5,785,777	\$4,406,391
Sheep and lambs—			
Number.....	1,489,649	1,999,134	1,918,721
Cost.....	\$16,881,138	\$11,229,042	\$10,437,800
Hogs—			
Number.....	1,614,479	1,725,688	1,802,660
Cost.....	\$54,884,999	\$26,315,587	\$23,802,070
All other materials, cost.....	\$14,763,033	\$24,046,351	\$22,275,882
PRODUCTS.			
Total value.....	\$256,088,393	\$144,236,162	\$125,072,944
Fresh meat.....	\$138,265,490	\$86,955,729	\$68,377,158
Beef—			
Pounds.....	368,849,102	402,728,421	429,931,714
Value.....	\$74,497,163	\$53,570,090	\$41,428,480
Veal—			
Pounds.....	55,477,838	37,462,344	36,610,306
Value.....	\$14,497,259	\$5,820,977	\$4,316,843
Mutton and lamb—			
Pounds.....	54,534,743	73,810,403	80,774,970
Value.....	\$14,711,521	\$10,248,276	\$9,589,554
Pork—			
Pounds.....	111,497,316	124,190,102	123,540,054
Value.....	\$80,757,518	\$14,987,818	\$12,665,175
Edible offal and other fresh meat—			
Pounds.....	28,259,370	34,884,590	6,988,008
Value.....	\$3,801,735	\$2,827,968	\$427,106
Cured meat:			
Beef, pickled and other cured—			
Pounds.....	20,733,214	20,326,224	26,460,602
Value.....	\$5,404,310	\$3,452,474	\$3,085,410
Pork, pickled and other cured—			
Pounds.....	140,097,462	118,537,294	134,425,208
Value.....	\$42,413,455	\$18,589,367	\$17,804,064
Sausage:			
Pounds.....	38,896,830	41,572,857	39,582,116
Value.....	\$9,958,425	\$5,819,045	\$4,404,702
Lard:			
Pounds.....	44,018,065	40,496,413	47,042,820
Value.....	\$13,156,805	\$4,418,820	\$5,814,101

TABLE 19.—SLAUGHTERING AND MEAT PACKING: 1919, 1914, AND 1909—Continued.

	1919	1914	1909
PRODUCTS—continued.			
Lard compounds and substitutes:			
Pounds.....	27,438,573	16,208,455	(1)
Value.....	\$6,585,293	\$1,295,773	(1)
Oleo oil:			
Gallons.....	2,457,811	2,621,410	3,149,003
Value.....	\$5,649,979	\$1,987,691	\$2,692,932
Other oils:			
Gallons.....	313,426	199,434	(2)
Value.....	\$125,794	\$122,956	(2)
Tallow, oleo stock and stearin:			
Pounds.....	27,063,870	23,263,543	51,948,253
Value.....	\$4,441,605	\$1,662,197	\$4,472,789
Casings:			
Pounds.....	4,503,685	4,401,247	(1)
Value.....	\$928,498	\$600,896	(1)
Fertilizer and fertilizer materials:			
Tons.....	19,558	16,611	16,928
Value.....	\$720,019	\$484,586	\$435,900
Glue:			
Pounds.....	917,597	(2)	(1)
Value.....	\$133,928	(2)	(1)
Hides and pelts:			
Cattle—			
Number.....	661,518	636,389	
Pounds.....	39,293,244	43,043,246	
Value.....	\$12,979,171	\$7,150,500	899,790
Calf—			
Number.....	205,846	198,750	49,577,570
Pounds.....	2,155,272	2,312,240	\$7,105,591
Value.....	\$1,724,655	\$126,029	
Sheep—			
Number.....	1,377,593	1,992,520	1,918,895
Value.....	\$3,017,960	\$1,267,608	\$1,389,474
Wool:			
Pounds.....	5,626,508	3,765,678	6,605,170
Value.....	\$1,930,161	\$1,302,829	\$2,249,241
All other products, value.....	\$5,302,839	\$8,699,593	\$7,241,582

¹ Not reported separately.² Figures can not be shown without disclosing individual operations.

Of the number of animals slaughtered, beefes and calves showed an increase of 219,887, while sheep and lambs decreased 509,485, and hogs, 111,209 in the last census period. The decrease in the number of animals slaughtered, and the lighter average gross weight of beefes and calves, caused a decrease of 35,235,360 pounds in meat production.

Printing and publishing (Table 20).—This table shows the number and aggregate circulation per issue of all newspapers and periodicals published in the state of New York, as reported for the census years 1919, 1914, and 1909.

TABLE 20.—PRINTING AND PUBLISHING: 1919, 1914, AND 1909.

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1919	1914	1909	1919	1914	1909
Total.....	1,955	2,128	1,953	70,027,248	58,443,376	43,953,617
Daily.....	214	234	231	6,919,325	5,874,207	5,253,521
Sunday.....	54	55	48	4,469,074	3,917,088	2,957,727
Semimonthly.....	26	43	44	207,336	262,744	155,537
Triweekly.....	7	13	12	170,881	101,939	94,866
Weekly.....	902	1,006	975	15,433,740	9,872,226	6,766,243
Semimonthly.....	37	55	32	766,146	2,817,779	187,784
Monthly.....	615	622	521	39,847,749	33,648,962	25,035,615
Quarterly.....	69	66	54	2,048,000	1,447,019	2,437,289
All other classes ¹	31	34	36	164,997	501,362	475,035

¹ Includes in 1919, 30 bimonthly publications and 1 trimonthly; in 1914, 14 bimonthly and 17 semiannual publications, 1 publication issued 15 times a year, 1 issued 10 times, and 1 issued 6 times a year; and in 1909, 18 bimonthly and 18 "All other" publications.

MANUFACTURES—NEW YORK.

As at previous censuses, New York, in 1919, ranked first among the states in number of publications issued and average circulation. While the number of publications decreased, the circulation increased 11,583,872, or 19.8 per cent, during the period from 1914 to 1919. The circulation of daily newspapers increased 1,045,118, or 17.8 per cent; of these, 86 with a circulation of 3,111,151 were morning editions; and 128, with a circulation of 3,808,174, evening editions. Sunday newspapers increased in circulation 551,986, or 14.1 per cent, during the five-year period.

There was a considerable increase in the circulation of weekly, monthly, and quarterly publications. The great decrease in the circulation of semimonthly publications is due to the lapse of a semimonthly magazine, whose place is taken by a literary supplement, issued weekly for Sunday newspapers and classed, therefore, as a weekly.

Table 21 shows the number and circulation of the different classes of publications in English and foreign languages, respectively, for 1919, 1914, and 1909.

TABLE 21.—ENGLISH AND FOREIGN-LANGUAGE NEWSPAPERS, NUMBER AND CIRCULATION, BY PERIOD OF ISSUE: 1919, 1914, AND 1909.

PERIOD OF ISSUE.	Cen-	TOTAL.		IN ENGLISH.		IN FOREIGN LANGUAGES.	
		Num- ber.	Aggregate circula- tion.	Num- ber.	Aggregate circula- tion.	Num- ber.	Aggregate circula- tion.
Total.....	1919	1,955	70,027,248	1,739	66,243,068	216	3,784,180
	1914	2,128	58,443,376	1,902	54,854,795	220	3,588,581
	1909	1,953	43,053,617	1,733	41,650,507	200	2,207,110
Daily and Sunday....	1919	268	11,388,399	204	9,230,505	64	2,157,804
	1914	280	9,791,295	228	7,314,886	61	2,476,400
	1909	279	8,211,248	228	6,859,818	51	1,352,430
Semiweekly and tri- weekly.....	1919	33	378,217	27	318,584	6	59,638
	1914	56	364,733	43	313,814	13	50,919
	1909	53	250,403	45	200,203	11	44,200
Weekly.....	1919	902	15,433,740	810	14,741,473	92	692,267
	1914	1,006	9,872,226	903	9,248,099	103	624,127
	1909	975	6,756,243	881	6,338,749	94	417,494
Semimonthly.....	1919	37	706,146	31	750,646	6	15,500
	1914	54	2,817,770	48	2,808,570	6	9,200
	1909	32	187,784	29	184,484	3	3,300
Monthly.....	1919	615	39,847,749	571	39,513,734	44	334,015
	1914	622	33,648,902	585	33,271,436	37	377,526
	1909	521	25,035,615	486	25,251,409	35	384,116
All other ¹	1919	100	2,212,997	96	1,688,036	4	524,961
	1914	101	1,948,381	95	1,897,981	6	50,400
	1909	90	2,912,324	84	2,816,754	6	95,570

¹ Includes: In 1919, in English, 66 quarterlies, 20 bimonthly publications and 1 trimonthly; and in foreign languages, 3 quarterlies and 1 bimonthly. In 1914, in English, 62 quarterlies, 13 bimonthly, 16 semimonthly, and 3 "All other" publications; and in foreign languages, 4 quarterlies, 1 bimonthly, and 1 semimonthly. In 1909, in English, 52 quarterlies, 18 bimonthly publications, and 14 "All other"; and in foreign languages, 2 quarterlies and 4 "All other."

The circulation of foreign-language publications in 1919 was 5.4 per cent of the total for all publications, English and foreign, as compared with 6.1 per cent in 1914, and 5.2 per cent in 1909. Of the foreign-language publications the daily and Sunday editions had by far the largest circulation, although they showed a slight decrease for the five-year period 1914–1919.

Table 22 distributes the number of foreign-language publications for 1919, 1914, and 1909, by period of issue, according to language.

TABLE 22.—PRINTING AND PUBLISHING—FOREIGN-LANGUAGE PUBLICATIONS: 1919, 1914, AND 1909.

LANGUAGE.	Cen- sus year.	NUMBER OF PUBLICATIONS IN FOREIGN LANGUAGES.					
		All classes.	Daily and Sun- day.	Semi- weekly and tri- weekly.	Week- ly.	Month- ly.	All other classes.
Total.....	1919	219	64	6	93	45	11
	1914	226	61	13	103	37	12
	1909	200	51	11	94	35	9
Bohemian.....	1919	8	4	—	—	3	—
	1914	4	—	—	—	—	—
	1909	4	4	—	—	—	—
Croatian.....	1919	4	4	—	—	1	—
	1914	4	3	—	—	—	—
	1909	4	2	1	—	—	—
Danish.....	1919	1	—	—	—	1	—
	1914	1	—	—	—	1	—
	1909	2	—	—	—	2	—
French.....	1919	5	2	—	1	2	—
	1914	7	2	—	2	1	2
	1909	4	2	—	1	1	—
German.....	1919	26	7	—	12	6	—
	1914	53	15	2	23	10	4
	1909	60	21	3	23	10	13
Hungarian.....	1919	9	3	—	5	—	11
	1914	6	2	—	2	1	11
	1909	4	2	2	—	—	—
Italian.....	1919	33	12	—	21	—	—
	1914	35	10	1	23	—	11
	1909	27	7	—	19	1	—
Polish.....	1919	15	6	—	8	—	11
	1914	13	3	—	10	—	—
	1909	12	3	—	9	—	—
Russian.....	1919	6	3	—	1	2	—
	1914	9	3	2	1	1	12
	1909	4	—	—	4	—	—
Spanish.....	1919	16	—	—	1	13	52
	1914	10	1	—	1	7	81
	1909	11	—	—	2	8	81
Swedish.....	1919	4	—	—	3	—	11
	1914	7	—	1	5	1	—
	1909	6	—	1	5	1	—
Syrian.....	1919	1	—	—	1	—	—
	1914	2	—	1	—	1	—
	1909	3	—	1	—	2	—
Yiddish.....	1919	27	11	1	14	1	—
	1914	21	9	—	10	2	—
	1909	19	7	—	9	2	11
English-German.....	1919	1	—	—	1	—	—
	1914	9	—	—	4	4	51
	1909	12	—	—	5	6	81
English-Spanish.....	1919	3	—	—	—	2	81
	1914	3	—	—	1	2	—
	1909	3	—	—	1	2	—
All other classes ⁷	1919	60	12	5	21	19	3
	1914	42	9	6	10	7	1
	1909	25	3	4	12	4	2

¹ Semimonthly publications.

² 1 quarterly and 1 semimonthly.

³ Quarterly.

⁴ 2 semimonthly publications and 1 quarterly.

⁵ 1 quarterly and 1 bimonthly publication.

⁶ Bimonthly.

⁷ Includes: In 1919, Dailies: 4 in Arabic and 2 each in Greek and Slovak, and 1 each in Lithuanian and Serbian. Sunday: 2 in Greek. Triweeklies: 1 each in Finnish and Ukrainian. Semiweeklies: 1 each in Arabic, Japanese, and Ruthenian. Weeklies: 3 in Lithuanian, 2 each in Serbian, Slovak, and English-Italian, 1 each in Arabic, Chinese, Estonian, Hebrew, Norwegian, Scandinavian, Welsh, Armenian-Turkish, English-Japanese, English-Yiddish, German-Spanish, and Spanish-Yiddish. Monthly publications: 3 each in Greek and Portuguese, 2 each in Flemish, English-French, English-Italian, and English-Yiddish, and 1 each in Arabic, Japanese, Ukrainian, English-Spanish-French-Portuguese, and English-French-Italian-Portuguese-Spanish. Semimonthly publications: 2 in Greek and 1 in Lithuanian.

In 1914: Dailies: 2 each in Greek, Arabic, and Slovaks, and 1 each in Serbian and Slovenian. Sundays: 1 in Greek. Triweeklies: 1 each in Arabic and Serbian. Semiweeklies: 1 each in Arabic, Chinese, Finnish, and Slovaks. Weeklies: 3 in Lithuanian, 2 in Japanese, and 1 each in Arabic, Armenian, Chinese, Estorian, Lettish, Norwegian, Serbian, Slovak, Ukrainian, Welsh, English-Gaelic, English-Italian, Japanese-English, and Spanish-Hebrew. Monthly publications: 1 each in Arabic, Greek, Portuguese, Slovenian, Welsh, English-Italian, and English-Spanish-Portuguese. "All other publications": 1 quarterly in Portuguese.

In 1909: Dailies: 1 each in Arabic, Greek, and Slovenian. Triweeklies: 1 in Armenian, Chinese, Dutch, Estorian, Finnish, Norwegian, Ruthenian, Serbian, Slovaks, Welsh, English-Irish, and English-Japanese. Monthly publications: 1 each in Ruthenian, English-French-German, English-French-German-Spanish, and Spanish-Portuguese. All other: 1 semimonthly in English-Russian, and 1 semimonthly in English-German-French-Spanish.

Textiles (Table 23).—The following table shows the total value of products relating to the manufacture of all textiles combined, and the comparative importance of the different branches as measured by value of products for 1919, 1914, and 1909.

TABLE 23.—TEXTILES: 1919, 1914, AND 1909.

INDUSTRY.	VALUE OF PRODUCTS.		
	1919	1914	1909
Total.....	\$492,292,910	\$198,488,126	\$190,171,068
Knit goods.....	195,376,641	78,220,235	67,130,296
Wool manufactures.....	100,401,524	47,173,617	49,345,683
Carpets and rugs, other than rag.....	48,717,885	26,078,521	25,606,262
Woolen, worsted, and felt goods, and wool-felt hats.....	51,683,639	21,098,096	23,739,421
Silk goods, including throwsters.....	81,682,572	29,260,763	28,518,821
Cotton manufactures, including cotton goods, cotton lace, and cotton small wares.....	55,287,042	18,464,811	20,351,555
Cordage and twine.....	27,643,710	11,970,893	12,215,000
Hats, fur-felt.....	10,887,862	6,637,380	10,128,660
Wool shoddy.....	3,058,292	1,110,303	869,364
Other textile industries ¹	8,955,276	5,641,124	3,521,689

¹ Includes "jute goods" and "linen goods," as separate figures are not available for 1909.

² Includes, for 1919, "jute goods"; "linen goods"; "oilcloth and linoleum, floor"; "oilcloth, enameled"; for 1914, "jute goods"; "linen goods"; "oilcloth and linoleum, floor"; "oilcloth, enameled"; for 1909, "oilcloth and linoleum."

In 1919 there were 1,069 textile establishments in New York giving employment to an average number of 94,250 wage earners. This state in 1919 was the third most important state in the manufacture of textiles, and reported 9.5 per cent of the total value of products for all textile industries combined for the United States. Separate accounts covering each of the important branches relating to the manufacture of textiles, in New York, are shown in considerable detail on the following pages.

Machinery used in textile mills (Table 24).—The different kinds of machines which have been accepted by the textile industries, as best to indicate the trend of manufacturing, are shown in detail for several branches of textiles in New York for 1919, 1914, and 1909.

TABLE 24.—MACHINERY USED IN TEXTILE MILLS: 1919, 1914, AND 1909.

MACHINE.	Census year.	Total.	Cotton goods, including cotton small wares and cotton lace.	Woolen, worsted, and felt goods, and wool-felt hats.	Knit goods.	Silk goods, including throwsters.	Carpets and rugs, other than rag.
Producing spindles (not including doubling and twisting spindles).	1910	1,503,538	741,738	212,950	182,208	263,049	103,584
	1914	1,486,713	671,133	178,288	387,171	164,620	105,506
	1909	1,510,872	778,036	184,359	308,528	150,559	115,390
Looms.....	1919	127,071	12,240	2,966	.....	1,8,723	3,113
	1914	26,022	11,880	3,182	.....	7,862	3,089
	1909	27,936	14,088	3,035	.....	7,575	3,233
Knitting machines....	1919	27,539	.....	227,599	.....	.....	.....
	1914	17,252	.....	17,252	.....	.....	.....
	1909	15,047	.....	15,047	.....	.....	.....
Woolen cards (sets)....	1919	8,120	.....	326	3,505	.....	298
	1914	1,110	.....	332	479	.....	299
	1909	1,003	.....	364	457	.....	242
Wool-combing ² machines.	1919	157	.....	102	.....	.....	55
	1914	143	.....	89	.....	.....	54
	1909	141	.....	89	.....	.....	52

¹ Includes 1,331 looms idle entire year.

² Includes 3,708 knitting machines idle entire year.

³ Includes 14 sets of woolen cards idle entire year.

The loss from 1909 to 1914 in the total number of spindles and looms was partly regained in the five years which followed, the decrease in spindles being 1.6 per cent from 1909 to 1914, and five-tenths of 1 per cent from 1909 to 1919, while for looms it was 6.9 and 3.1 per cent for these respective periods. The number of knitting machines shows a continuous increase, or 14.7 per cent from 1909 to 1914, and 59.6 per cent from 1914 to 1919, a total of 83 per cent in the ten years 1909–1919. The increase in woolen cards in the knit-goods and carpet and rug industries has more than offset the decrease which is shown for the combined woolen, worsted, and felt goods, and wool-felt hat industries, with a result that the total number of woolen cards for the state shows an increase of 6.2 per cent from 1909 to 1919. Wool-combing machines show an increase of 11.3 per cent for the ten-year period.

Knit goods. (Table 25).—The quantity and cost of the principal materials used and the quantity and value of the most important products of the knit-goods industry for New York are presented in the table on page 40, for the census years 1919, 1914, and 1909.

The production of knit goods in New York during 1919 was of first importance among the several kinds of textiles manufactured within the state, and at the same time this state ranked first in the knit-goods industry in the United States. Among the different kinds of material used it will be seen that a large share of the knitting was performed with yarns that were purchased, and that 83.4 per cent of those yarns were cotton. Of all the fibrous materials used in this industry in 1919, either in the raw state or as yarn, cotton, costing \$44,511,535, formed 38.7 per cent of the total cost; silk, both natural and artificial, costing \$24,746,894, was 21.5 per cent; and wool, costing \$19,004,836, was 16.5 per cent.

Many fluctuations are shown from census to census in the different kinds of materials used, influenced to some extent by fashion, as well as the development of the industry. The materials which show increases in quantities used in 1919 over 1914, with per cent of increase for each, are as follows: Artificial silk, 2,430.2 per cent; silk and spun silk yarns together, 395.2 per cent; merino yarn, 199.7 per cent; recovered wool fiber, 26.1 per cent; and cotton yarn, eight-tenths of 1 per cent; while those showing decreases are raw wool, 51.4 per cent; woolen yarn, 34.8 per cent; wool waste and noils together, 31.4 per cent; raw silk, 31.3 per cent; raw cotton, 12.5 per cent; and worsted yarn, 8.1 per cent.

The five natural divisions of the knit-goods industry are hosiery, underwear, fancy knit goods, knitted cloth, and contract knitting on materials furnished by others. In comparison with other states New York produces very little hosiery, but in each of the other branches the value of products reported at the census of 1919 was greater than that of any other state.

MANUFACTURES—NEW YORK.

TABLE 25.—KNIT GOODS: 1919, 1914, AND 1909

	1919	1914	1909
MATERIALS.			
Total cost.....	\$114,905,838	\$43,859,879	\$38,677,371
Cotton:			
Domestic—			
Pounds.....	34,484,879	39,058,430	33,041,401
Cost.....	\$11,245,502	\$4,983,578	\$3,779,496
Foreign—			
Pounds.....	119,534	502,319	1,623,562
Cost.....	\$73,468	\$83,802	\$234,871
Wool:			
Domestic (in condition purchased)—			
Pounds.....	1,178,151	2,585,405	1,803,323
Cost.....	\$1,434,782	\$1,085,911	\$846,659
Foreign (in condition purchased)—			
Pounds.....	176,254	202,430	164,014
Cost.....	\$209,849	\$137,029	\$109,190
Recovered wool fiber:			
Pounds.....	2,107,971	1,742,352	5,410,605
Cost.....	\$757,689	\$328,810	\$551,877
Wool waste and noils:			
Pounds.....	1,785,285	2,002,559	4,308,579
Cost.....	\$1,303,891	\$794,894	\$1,420,402
Raw silk:			
Pounds.....	704,039	1,025,446	(1)
Cost.....	\$5,274,611	\$4,019,741	(1)
Yarns, purchased:			
Pounds.....	65,302,545	62,752,583	94,455,280
Cost.....	\$70,006,457	\$20,335,714	\$21,327,067
Cotton—			
Pounds.....	54,446,646	53,999,653	86,676,623
Cost.....	\$33,192,565	\$13,102,333	\$13,824,123
Woolen—			
Pounds.....	2,042,342	3,133,302	3,186,332
Cost.....	\$3,883,859	\$1,940,861	\$2,077,718
Worsted—			
Pounds.....	4,280,330	4,059,388	3,232,368
Cost.....	\$11,324,766	\$3,883,756	\$3,078,048
Merino—			
Pounds.....	2,004,245	668,811	925,440
Cost.....	\$2,086,761	\$425,091	\$688,856
Silk and spun silk—			
Pounds.....	1,109,430	224,007	423,230
Cost.....	\$9,078,746	\$918,749	\$1,644,056
Artificial silk—			
Pounds.....	1,400,112	55,886	(1)
Cost.....	\$10,393,537	\$100,487	(1)
All other—			
Pounds.....	19,425	12,086	11,296
Cost.....	\$46,223	\$9,437	\$9,266
Chemicals and dyestuffs, cost.....	\$1,473,984	\$502,622	\$363,607
Fuel and rent of power, cost.....	\$1,705,125	\$894,033	\$648,588
All other materials, cost.....	\$21,300,480	\$10,693,745	\$9,386,614
PRODUCTS.			
Total value.....	\$105,370,641	\$78,220,235	\$67,130,296
Hose:			
Dozen pairs.....	723,131	232,087	251,269
Value.....	\$8,459,071	\$1,931,338	\$493,041
Silk and silk-mixed—			
Dozen pairs.....	537,924	205,877	16,749
Value.....	\$7,412,230	\$1,873,701	\$244,938
All other—			
Dozen pairs.....	185,207	26,810	234,520
Value.....	\$1,046,835	\$67,575	\$248,103
Half hose:			
Dozen pairs.....	187,275	39,976	104,418
Value.....	\$721,321	\$87,856	\$146,144
Shirts and drawers:			
Dozens.....	6,924,636	9,203,882	12,474,922
Value.....	\$47,416,624	\$28,287,935	\$38,210,508
Cotton—			
Dozens.....	6,041,267	8,400,807	11,238,711
Value.....	\$37,411,522	\$22,704,051	\$20,577,805
Merino—			
Dozens.....	630,355	484,268	1,162,148
Value.....	\$7,717,556	\$3,183,044	\$7,718,492
Silk and silk-mixed—			
Dozens.....	98,094	55,139	12,639
Value.....	\$1,029,828	\$956,645	\$359,108
All other—			
Dozens.....	154,930	197,668	61,424
Value.....	\$1,257,718	\$1,442,695	\$555,103
Union suits:			
Dozens.....	8,127,856	2,628,035	990,841
Value.....	\$36,287,304	\$13,003,994	\$4,741,032
Cotton—			
Dozens.....	2,731,003	2,528,302	938,554
Value.....	\$29,205,961	\$11,099,564	\$4,238,442
Merino—			
Dozens.....	301,862	51,470	52,254
Value.....	\$4,447,321	\$597,553	\$500,830
Silk and silk-mixed—			
Dozens.....	94,139	27,345	33
Value.....	\$2,598,758	\$743,003	\$1,760
All other—			
Dozens.....	1,272	31,518	-----
Value.....	\$15,204	\$562,674	-----
Bathing suits:			
Dozens.....	96,207	123,553	(1)
Value.....	\$2,184,069	\$911,495	(1)

1 Not reported separately.

TABLE 25.—KNIT GOODS: 1919, 1914, AND 1909—Continued.

	1919	1914	1909
PRODUCTS—continued.			
Gloves and mittens:			
Dozens.....	2,408,587	1,340,479	1,195,140
Value.....	\$13,048,144	\$7,610,687	\$4,270,020
Knitted headwear:			
Dozens.....	91,936	177,235	124,301
Value.....	\$917,624	\$643,716	\$440,411
Sweaters, jerseys, and cardigan jackets:			
Dozens.....	1,240,879	1,404,606	1,650,336
Value.....	\$92,980,487	\$14,302,914	\$13,915,043
Tricolette:			
Square yards.....	4,360,064	(1)	(1)
Value.....	\$14,531,058	(1)	(1)
Jersey cloth and stockinette:			
Square yards.....	11,484,919	8,507,954	2,053,563
Value.....	\$12,153,590	\$3,067,588	\$300,809
All other knitted cloth:			
Square yards.....	15,393,765	(1)	(1)
Value.....	\$6,745,291	(1)	(1)
Cotton yarn:			
Pounds.....	0,220,374	8,235,253	2,409,483
Value.....	\$3,404,985	\$1,870,570	\$510,454
All other products, value.....	\$16,546,473	\$6,512,044	\$4,003,834

1 Not reported separately.

The manufacture of underwear has been of primary interest, and, while the value of separate shirts and drawers reported in 1919 exceeded that of union suits, the decrease of 44.5 per cent in quantity during the last ten years, for the former, is in marked contrast with the 215.7 per cent increase shown for the latter.

The production of knitted cloth, the greater part of which is used in the manufacture of clothing for outer wear, may be looked upon as the newest branch of the knit-goods industry. In addition to tricolette, jersey cloth, and stockinette, shown in the table, the other knitted cloths reported in 1919 were poulette, fleece lining, astrakhan, eiderdown, toweling, and sueded cotton cloth, used in the manufacture of gloves, besides other cloths not specified as to kind.

Wool manufactures (Table 26).—This industry comprises the manufacture of woolen, worsted, and felt goods; carpets and rugs (other than rag); and wool-felt hats. During the year 1914 there were 97 establishments engaged in the manufacture of wool products with an average number of 18,800 wage earners, and in 1919 the number of establishments had decreased to 68, while the average number of wage earners increased to 24,290.

The quantity and cost of the principal materials used, and the quantity and value of the chief products of wool manufactures for New York, are presented in Table 26 for the years 1919, 1914, and 1909.

Wool was the principal material used in this industry during each of the three census years shown in Table 26. There are many different kinds and grades of wool included in this item, and the larger portion is of foreign origin. Of the total wool consumed in 1919, foreign wool represented 67 per cent of the quantity and 56.1 per cent of the cost, in 1914, 58.5 per cent of the quantity and 55.7 per cent of the cost, and in 1909, 64.4 per cent of the quantity and 54.1 per cent of the cost.

Purchased yarns, forming 18.5 per cent of the total cost of materials in 1919, were of second importance. The jute yarns were used chiefly in the manufacture of carpets and rugs, and in 1919, formed 69.6 per cent of the total quantity of yarns and 42.4 per cent of the cost.

Shipping cases and mill supplies constituted the principal part of "All other materials."

The production of carpets and rugs was of chief importance in the industry in New York, and in 1919 the value of products amounted to nearly one-half the value of wool manufactures for the state. The growing demand for rugs rather than carpets is apparent, and in 1919 the value of rugs was 93.1 per cent of the combined value of carpets and rugs as compared with 57.2 per cent in 1914, and 36.5 per cent in 1909. The abrupt decline in the manufacture of carpets may be measured by the decrease in square yards which was 43.8 per cent from 1909 to 1914, and 87.4 per cent from 1914 to 1919, or 92.9 per cent in the ten-year period 1909 to 1919. With the constant increase in the production of rugs the number of square yards has nearly doubled from 1909 to 1919.

TABLE 26.—WOOL MANUFACTURES: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$56,394,109	\$28,682,329	\$28,059,200
Wool (in condition purchased):			
Pounds.....	49,629,245	60,420,225	62,820,067
Cost.....	\$27,162,246	\$13,158,906	\$14,719,116
Domestic—			
Pounds.....	16,386,976	25,051,729	22,362,412
Cost.....	\$11,920,744	\$6,826,076	\$6,754,854
Foreign—			
Pounds.....	33,242,269	35,368,496	40,466,655
Cost.....	\$15,241,502	\$7,832,230	\$7,964,262
Equivalent in scoured condition, pounds.....	28,550,910	37,448,054	45,637,550
Animal hair and fur:			
Pounds.....	5,345,041	5,442,118	6,694,088
Cost.....	\$2,350,780	\$759,559	\$1,024,409
Rags, clippings, etc.:			
Pounds.....	2,049,086	968,072	1,250,161
Cost.....	\$347,480	\$59,688	\$69,157
Recovered wool fiber:			
Pounds.....	2,177,238	2,202,861	990,526
Cost.....	\$837,359	\$249,011	\$140,926
Waste and noils of wool, mohair, etc.:			
Pounds.....	4,167,529	4,983,200	4,413,834
Cost.....	\$2,977,754	\$1,089,584	\$1,231,700
Tops:			
Pounds.....	804,238	1,427,046	733,932
Cost.....	\$948,192	\$750,777	\$458,808
Cotton:			
Pounds.....	2,788,568	3,486,922	2,472,801
Cost.....	\$838,008	\$325,971	\$265,039
Yarns, purchased:			
Pounds.....	31,091,613	44,743,528	44,329,490
Cost.....	\$10,428,549	\$7,026,393	\$6,523,630
Cotton—			
Pounds.....	5,892,876	8,736,856	7,589,373
Cost.....	\$2,820,945	\$1,822,559	\$1,442,375
Worsted—			
Pounds.....	1,127,777	2,315,693	3,050,833
Cost.....	\$1,806,828	\$1,310,225	\$2,000,343
Woolen and merino—			
Pounds.....	1,592,377	850,003	957,413
Cost.....	\$898,125	\$265,300	\$277,976
Linen—			
Pounds.....	838,862	3,750,272	4,858,864
Cost.....	\$405,745	\$675,801	\$866,837
Jute—			
Pounds.....	21,640,033	29,080,107	27,857,594
Cost.....	\$4,418,994	\$2,922,044	\$1,881,506
Silk and spun silk—			
Pounds.....	1,0,688	10,597	15,413
Cost.....	\$1,688,912	\$30,464	\$53,093
Wool-felt hat bodies and hats in the rough:			
Dozens.....	47,841	10,879	16,057
Cost.....	\$386,264	\$15,407	\$47,616
Chemicals and dyestuffs, cost.....	\$2,339,304	\$1,141,173	\$1,041,040
Fuel and rent of power, cost.....	\$1,537,676	\$809,236	\$680,304
All other materials, cost.....	\$8,390,497	\$3,287,024	\$1,852,455

¹ Includes some artificial silk.

TABLE 26.—WOOL MANUFACTURES: 1919, 1914, AND 1909—Con.

	1919	1914	1909
PRODUCTS.			
Total value.....	\$100,401,524	\$47,173,617	\$49,345,683
Woven goods: ²			
Pounds.....	11,651,046	(8)	(3)
Square yards.....	19,250,431	23,613,273	24,308,778
Value.....	\$28,451,576	\$12,702,447	\$15,317,657
All-wool woven goods—			
Pounds.....	7,936,178	(8)	(8)
Square yards.....	12,923,598	14,448,467	17,243,627
Value.....	\$22,123,510	\$10,231,942	\$12,830,093
Woolen suitings, overcoatings, and dress goods—			
Pounds.....	4,103,487	(8)	(8)
Square yards.....	5,862,777	3,115,415	4,365,726
Value.....	\$8,355,303	\$2,443,317	\$3,185,230
Worsted suitings, overcoatings, and dress goods—			
Pounds.....	3,371,473	(8)	(8)
Square yards.....	6,471,933	10,880,850	12,283,220
Value.....	\$11,946,229	\$7,363,842	\$9,266,182
All other—			
Pounds.....	461,218	(8)	(8)
Square yards.....	588,868	472,202	594,681
Value.....	\$818,978	\$424,783	\$378,681
Cotton-mixed woven goods—			
Pounds.....	208,606	(8)	(8)
Square yards.....	271,286	1,306,536	549,526
Value.....	\$807,846	\$389,294	\$232,103
Cotton-warp woven goods—			
Pounds.....	3,506,262	(8)	(8)
Square yards.....	6,049,547	7,798,270	6,515,625
Value.....	\$8,720,220	\$2,090,211	\$2,255,461
Worsted filling suitings, overcoatings, and dress goods—			
Pounds.....	587,564	(8)	(8)
Square yards.....	1,938,429	4,300,447	3,772,957
Value.....	\$2,240,548	\$985,105	\$1,326,382
All other—			
Pounds.....	2,918,698	(8)	(8)
Square yards.....	4,111,118	3,447,823	2,742,668
Value.....	\$8,479,672	\$1,105,106	\$929,079
Carpets and rugs:			
Pounds.....	45,947,226	(8)	(8)
Square yards.....	19,015,388	24,480,532	26,973,631
Value.....	\$47,667,962	\$25,774,662	\$25,477,756
Carpets—			
Pounds.....	2,785,078	(8)	(8)
Square yards.....	1,231,032	9,803,436	17,430,969
Value.....	\$3,284,753	\$11,020,764	\$16,177,227
Rugs—			
Pounds.....	43,161,548	(8)	(8)
Square yards.....	17,784,356	14,677,096	9,542,662
Value.....	\$44,383,209	\$14,747,998	\$9,300,529
Felt goods:			
Pounds.....	6,320,417	(8)	(8)
Value.....	\$10,503,671	\$4,715,138	\$4,292,968
Hats, wool-felt:			
Dozens.....	114,069	68,927	133,678
Value.....	\$2,292,906	\$378,277	\$185,298
Worsted yarn, for sale:			
Pounds.....	1,758,166	1,742,481	1,237,092
Value.....	\$2,957,735	\$1,424,046	\$1,184,521
Noils, for sale:			
Pounds.....	1,965,713	2,188,370	1,897,089
Value.....	\$1,411,829	\$600,196	\$548,973
Waste, for sale:			
Pounds.....	2,612,247	2,451,510	888,887
Value.....	\$387,639	\$297,768	\$155,921
Contract work, value.....	\$1,253,676	\$268,879	\$257,212
All other products, value.....	\$3,474,530	\$1,012,204	\$925,377

² Exclusive of carpets and rugs, and woven-felt goods.

³ Not reported separately.

"Woven goods," not including carpets and rugs, and woven-felt goods, formed 28.3 per cent of the total value of products in 1919, and was the second most important item reported for the wool industry. This product, which is used chiefly in the manufacture of clothing, was composed mostly of all-wool fabrics with worsteds predominating in both value and square yards for 1909, 1914, and 1919. The production of woolen suitings, overcoatings, and dress goods shows a slight increase in square yards from 1909 to 1919, while the number of square yards of all-worsted has decreased nearly one-half during the same period.

Felt goods have shown a gain of 236 per cent from 1909 to 1919 in number of pounds, but the low value per pound given in 1919 would indicate that they were of a different character from those produced in either 1914 or 1909.

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Silk goods, including throwsters (Table 27).—The statistics presented in connection with this industry were compiled from returns received from textile mills engaged in the manufacture of cloth and other finished textile products, and from independent establishments doing throwing and winding either on their own account or for others on a commission basis. The silk industry in New York consisted of 181 establishments giving employment to an average number of 13,539 wage earners in 1919, as compared with 143 establishments and an average number of 11,659 wage earners in 1914.

TABLE 27.—SILK GOODS, INCLUDING THROWSTERS: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$47,168,770	\$16,736,221	\$13,948,589
Silk:			
Raw—			
Pounds.....	2,274,136	2,339,776	1,817,320
Cost.....	\$10,228,629	\$9,033,199	\$7,092,171
Spun—			
Pounds.....	505,289	372,718	315,622
Cost.....	\$2,516,837	\$664,480	\$759,710
Artificial—			
Pounds.....	1,510,909	709,611	616,439
Cost.....	\$8,398,375	\$1,234,255	\$1,303,400
Organzine, tram, and hard crêpe twist—			
Pounds.....	718,018	337,104	335,003
Cost.....	\$7,010,320	\$1,457,002	\$1,471,824
Frisons, pierced cocoons, nolls, waste, etc.—			
Pounds.....	(1)	665,625	515,545
Cost.....	(1)	\$462,844	\$326,091
Yarns, other than silk:			
Cotton (not mercerized)—			
Pounds.....	2,131,644	1,594,878	2,018,612
Cost.....	\$2,336,306	\$655,489	\$757,470
Mercerized cotton—			
Pounds.....	465,545	400,224	483,627
Cost.....	\$681,227	\$232,957	\$359,315
Woolen and worsted—			
Pounds.....	73,702	203,671	94,622
Cost.....	\$184,785	\$241,455	\$114,829
Mohair—			
Pounds.....	40,832	1,351,681	52,521
Cost.....	\$85,154	\$478,927	\$47,408
All other—			
Pounds.....	88,995	135,060	113,855
Cost.....	\$201,095	\$121,404	\$170,401
Fuel and rent of power, cost.....	\$722,832	\$272,689	\$249,977
All other materials, cost.....	\$5,694,150	\$1,851,430	\$1,289,303
PRODUCTS.			
Total value.....	\$81,682,572	\$20,200,763	\$26,518,821
Broad silks:			
Yards.....	18,512,031	15,454,751	15,217,208
Value.....	\$25,104,056	\$9,102,192	\$9,042,488
All-silk goods—			
Yards.....	14,050,105	12,778,648	8,707,603
Value.....	\$19,883,732	\$7,149,555	\$5,946,921
In the gray—			
Yards.....	3,681,272	(2)	(2)
Value.....	\$4,933,490	(2)	(2)
Piece-dyed, and printed—			
Yards.....	6,442,217	7,428,781	2,366,169
Value.....	\$9,572,602	\$3,496,384	\$1,147,251
Yarn-dyed—			
Yards.....	3,032,706	5,349,867	6,341,434
Value.....	\$5,377,031	\$3,653,171	\$4,709,670
Silk-mixed goods—			
Yards.....	4,455,836	2,676,103	6,509,605
Value.....	\$5,221,224	\$1,952,637	\$3,095,567
In the gray, piece-dyed, and printed—			
Yards.....	3,805,289	1,847,722	4,518,084
Value.....	\$4,257,819	\$1,444,499	\$1,946,309
Yarn-dyed—			
Yards.....	650,547	828,381	1,991,611
Value.....	\$663,405	\$508,138	\$1,149,258
Ribbons, value.....	\$10,884,416	\$5,188,368	\$6,201,289
Laces, nets, veils, veilings, etc., value.....	\$2,416,329	\$652,180	\$704,640
Fringes and gimp, value.....	\$1,973,907	\$665,894	\$560,027
Braids and bindings, value.....	\$8,018,345	\$1,953,162	\$2,506,881
Organzine, tram, and hard crêpe twist, for sale:			
Pounds.....	845,796	1,004,506	330,026
Value.....	\$10,889,269	\$4,058,804	\$1,354,540
All other products, value.....	\$19,031,324	\$6,889,410	\$5,322,946
Amount received for contract work.....	\$3,863,966	\$745,744	\$806,010

¹ Included with "All other materials" to avoid disclosure of individual operations.

² Not reported separately.

The preceding table gives the quantity and cost of the most important materials used, and the quantity and value of the principal products of the silk industry of New York for 1919, 1914, and 1909.

Raw silk was the principal material used during 1919, 1914, and 1909, representing 40.8, 54, and 50.8 per cent, respectively, of the total cost of materials for these years. Artificial silk was the next item of importance in 1919, and increased 145.1 per cent in quantity during the ten-year period. "Yarns, other than silk," constituted a very small part, or 7.6 per cent, of the total cost of materials in 1919. The materials designated as "All other materials" were chiefly shipping cases and mill supplies.

Broad silks, the chief product of the industry, has shown a gain in quantity of 21.7 per cent in the ten years from 1909 to 1919, and in 1919 formed 30.7 per cent of the total value of products. The larger portion of the value of broad silks in 1919, or 79.2 per cent, was composed entirely of silk; and the remainder, or 20.8 per cent, was composed of silk, mixed with other yarns, mostly cotton. In 1919 a little less than one-half of the value of all-silk broad goods was either piece-dyed or printed, and a little less than one-fourth was reported in the gray. Under "Silk-mixed goods," the gray, piece-dyed, and printed have been combined and together represented in 1919 more than four-fifths of the total value of silk-mixed goods. The production of ribbons and yarns for sale has always occupied an important place in this industry, as indicated by the preceding table. "All other products" is composed principally of trimmings, cords, tassels, mufflers, belts, cravats, tubular neckties, labels, knitted fabrics, pluses, spun silk, machine twist, sewing and embroidery silks, and silk waste. These items were either unimportant or could not be shown separately without disclosing the operations of individual establishments.

Cotton manufactures (Table 28).—The quantity and cost of the principal materials and the quantity and value of the most important products of the cotton-manufactures industry are shown in Table 28 for 1919, 1914, and 1909.

The cotton mills in New York largely spin their own yarns, and in 1919 raw cotton was the chief material used, and formed 67.1 per cent of the total cost of all materials. Purchased cotton waste shows a notable increase and gained 410.5 per cent in the quantity used in 1919 as compared with 1909.

The amount of "woven goods" and "yarns for sale" produced in 1919 were nearly equal in value and together composed 80.3 per cent of the total value of products. Woven goods have shown a constant decrease in number of square yards manufactured. The quantity of yarns produced for sale increased from 1909 to 1919, but showed a slight decrease from 1909 to 1914.

"Other woven goods" in 1919 was composed largely of corset cloth, airplane and balloon cloth, dress goods, cider press cloth, filter cloth, automobile slip covering, bag and trunk lining, crinoline, and osnaburgs.

TABLE 28.—COTTON MANUFACTURES: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$31,311,512	\$11,653,438	\$11,726,489
Cotton:			
Pounds.....	63,574,719	58,124,466	68,766,704
Cost.....	\$21,019,824	\$7,586,338	\$8,083,263
Cotton yarn, purchased:			
Pounds.....	5,423,056	4,682,360	5,843,677
Cost.....	\$4,332,440	\$1,335,805	\$1,472,313
Cotton waste, purchased:			
Pounds.....	13,361,455	4,517,820	2,617,141
Cost.....	\$1,405,682	\$411,108	\$246,848
Starch, cost.....	\$96,528	\$40,854	\$70,581
Chemicals and dyestuffs, cost.....	\$193,304	\$44,400	\$150,405
Fuel and rent of power, cost.....	\$970,917	\$408,351	\$407,128
All other materials, cost.....	\$3,236,817	\$1,757,584	\$1,291,961
PRODUCTS.			
Total value.....	\$55,287,042	\$18,464,811	\$20,351,555
Woven goods (over 12 inches in width):			
Pounds.....	22,933,459	(1)	(1)
Square yards.....	103,774,290	121,280,718	134,028,087
Value.....	\$22,221,035	\$1,727,228	\$9,064,962
Unbleached and bleached sheetings, shirtings, and muslins—			
Pounds.....	12,863,708	(1)	(1)
Square yards.....	72,837,495	79,724,737	100,183,958
Value.....	\$9,904,374	\$4,545,829	\$5,714,949
Toweling and terry weaves—			
Pounds.....	992,340	(1)	(1)
Square yards.....	2,929,388	3,460,425	1,955,025
Value.....	\$1,307,393	\$665,423	\$430,393
Other woven goods (over 12 inches in width)—			
Pounds.....	9,077,411	(1)	(1)
Square yards.....	33,067,416	38,095,556	22,888,504
Value.....	\$11,009,863	\$2,515,976	\$3,519,620
Nottingham lace curtains and curtain nets, value.....	\$2,884,507	\$1,286,115	\$1,398,461
Braids, value.....	\$1,305,425	(1)	(1)
Yarns for sale:			
Pounds.....	37,033,298	31,675,350	31,765,481
Value.....	\$22,198,743	\$6,968,631	\$6,745,518
Cotton waste, for sale:			
Pounds.....	7,532,751	5,361,414	7,170,930
Value.....	\$852,008	\$238,460	\$250,037
All other products, value.....	\$5,704,728	\$2,244,371	\$2,292,577

¹ Not reported in 1914 and 1909.

² Reported in 1909 as the value of 13,041,455 square yards of "lace and lace curtains."

^a Not reported separately.

Hats, fur-felt (Table 29).—New York, with 42 fur-felt hat establishments, giving employment to an average number of 4,088 wage earners in 1919, ranked first for this industry among the states in number of establishments and second in value of products.

TABLE 29.—HATS, FUR-FELT: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$10,700,396	\$3,400,728	\$5,406,265
Hatters' fur:			
Pounds.....	1,086,432	842,514	1,888,207
Cost.....	\$2,949,887	\$706,701	\$1,860,052
Fur-felt hat bodies and hats in the rough:			
Dozens.....	250,604	180,848	194,268
Cost.....	\$4,154,237	\$1,200,908	\$1,250,824
Chemicals and dyestuffs, cost.....	\$24,236	\$51,739	\$100,407
All other materials, cost.....	\$3,602,036	\$1,531,350	\$2,194,982
PRODUCTS.			
Total value.....	\$10,887,862	\$6,637,380	\$10,218,660
Fur-felt hats:			
Dozens.....	505,561	477,338	776,258
Value.....	\$17,907,436	\$5,943,763	\$9,465,282
All other products, including contract work, value.....	\$1,980,426	\$693,617	\$753,378

Table 29 relates to the quantity and cost of the principal materials used, and the quantity and value of fur-felt hats produced in 1919, 1914, and 1909.

In 1919 fur-felt hat manufacturers used larger quantities of both "hatters' fur," and "fur-felt hat bodies, and hats in the rough" than in 1914, the increases being 23 and 38.6 per cent, respectively. Of the total number of fur-felt hats produced in the United States, New York produced 26 per cent in 1909, 22.5 per cent in 1914, and 26.9 per cent in 1919; or in value 21.8, 17.7, and 21.6 per cent for these respective years. The number of fur-felt hats produced in the state shows an increase of 18.5 per cent from 1914 to 1919, while a decrease of 38.5 per cent is shown from 1909 to 1914.

Shipbuilding, including boat building (Table 30).—This classification includes the building as well as the repairing of steel and wooden, steam, sail and unrigged vessels, yachts, motor boats, rowboats, and canoes; and the manufacture of masts, spars, oars, and rigging. The number and gross tonnage of the different classes of vessels launched in 1919, 1916, and 1914 are shown in the following table:

TABLE 30.—SHIPBUILDING, INCLUDING BOAT BUILDING—NUMBER AND TONNAGE: 1919, 1916, AND 1914.

KIND.	1919	1916	1914	
	Number.	Gross tonnage.	Number.	Gross tonnage.
Vessels, 5 gross tons and over, launched during the year.....				
	267	292,445	337	111,709
Steel.....	71	168,818	15	4,078
Steam.....	57	163,292	9	2,189
Motor.....	8	2,526	1	15
Unrigged.....	16	3,000	5	1,874
Wooden.....	196	123,627	322	107,631
Steam.....	21	4,524	8	1,092
Motor.....	17	544	17	1,554
Sail, without auxiliary power.....	2	3,424	6	192
Unrigged.....	156	115,135	241	104,703
Power boats of less than 5 gross tons.....	97	.....	337	.....

¹ Concrete.

² Includes sailboats with auxiliary power.

For the first time in the history of shipbuilding in New York state the construction and launching of steel vessels exceeded in gross tonnage that of wooden vessels. Fifty-seven steel steam vessels with an aggregate gross tonnage of 163,292 were launched in 1919, 13 of this number, with a gross tonnage of 23,123, being built and launched at Buffalo, on the Great Lakes. The majority of the steel vessels built were large freighters. In addition, 1 small fishing vessel of 400 gross tons and some ocean-going towing vessels, oil tankers, and mine sweepers were also constructed.

Six concrete barges, aggregating 3,000 gross tons, were built at Fort Edward for use on the barge canal, these being the first concrete vessels built in the state.

The value of work done upon vessels and boats of all kinds during 1919, 1916, and 1914 is shown in Table 31.

MANUFACTURES—NEW YORK.

TABLE 31.—SHIPBUILDING, INCLUDING BOAT BUILDING—VALUE: 1919, 1916, AND 1914.

	1919	1916	1914
Total value of work.....	\$132,012,124	\$31,357,045	\$14,195,298
Work done during the year on new vessels of 5 gross tons and over.....	55,146,954	4,865,069	3,236,986
Steel.....	1,48,843,789	1,410,620	2,553,316
Wood.....	6,303,165	3,454,449	(2)
Boats of less than 5 gross tons.....	1,510,395	910,232	683,670
Power boats of all kinds.....	295,996	388,010	383,557
Sailboats, rowboats, etc.....	1,214,399	522,222	300,113
Repair work.....	72,612,037	23,884,480	10,091,332
Steel.....	53,636,755	18,797,372	(2)
Wood.....	18,975,282	5,087,108	(2)
Masts.....	102,582	(1)	73,236
All other products.....	2,640,150	1,697,864	803,694

¹ Includes 6 concrete vessels 3,000 gross tons.² Not reported separately.³ Included in "Steel."⁴ Included in "All other products."

New York ranked first at each census period among the shipbuilding states in the amount of repair work done, and this work greatly exceeded the amount received for new construction.

The statistics presented in the two preceding tables do not include those for the United States navy yard in Brooklyn which launched 75 motor boats under 5 gross tons and did work upon 5 war vessels of 119,700 displacement tonnage, and other work including repairs, aggregating \$65,282,519 in 1919.

Boots and shoes (Table 32).—The number of pairs of the various classes of footwear manufactured during the last three census years and the value for 1919, 1914, and 1909 are shown in the following table:

TABLE 32.—BOOTS AND SHOES: 1919, 1914, AND 1909.

CLASS.	NUMBER OF PAIRS AND VALUE.		
	1919	1914	1909
Aggregate value.....	\$100,475,939	\$67,288,800	¹ \$48,185,014
Footwear:			
Total number of pairs.....	62,773,081	38,798,158	28,538,451
Total value.....	\$181,557,988	\$62,908,060	.....
Boots and shoes—			
Number of pairs.....	42,740,908	29,108,742	20,105,346
Value.....	\$158,650,188	\$56,041,873	.....
Men's—			
Number of pairs.....	14,260,093	9,923,488	3,853,855
Value.....	\$43,589,092	\$10,141,551	.....
Boys' and youths'—			
Number of pairs.....	6,571,423	2,500,175	745,527
Value.....	\$16,614,485	\$2,966,336	.....
Women's—			
Number of pairs.....	14,272,275	12,021,725	10,141,133
Value.....	\$83,690,495	\$28,826,547	.....
Misses' and children's—			
Number of pairs.....	7,631,207	4,573,354	5,364,831
Value.....	\$14,900,106	\$5,107,439	.....
Slippers:			
Number of pairs.....	10,021,339	5,338,785	2,518,469
Value.....	\$12,676,749	\$5,145,324	.....
Men's, boys', and youths'—			
Number of pairs.....	263,408	108,531	701,356
Value.....	\$245,820	\$60,000	.....
Women's, misses', and children's—			
Number of pairs.....	693,616	1,192,978	1,817,113
Value.....	\$1,626,671	\$2,457,634	.....
Felt or other fiber slippers—			
Number of pairs.....	9,064,315	4,037,276	(2)
Value.....	\$10,804,258	\$2,627,591	.....
Infants' shoes and slippers—			
Number of pairs.....	5,668,510	4,306,631	3,797,675
Value.....	\$5,690,329	\$1,736,863	.....
All other footwear—			
Number of pairs.....	4,342,234	44,000	2,116,961
Value.....	\$4,531,722	\$44,000	.....
All other products, including amount received for work done for others.....	\$8,917,951	\$4,320,749	.....

¹ Only total value reported in 1909.² Included in "All other footwear" in 1909.

The aggregate value of products for the industry in 1919 increased by \$123,187,130, or 183.1 per cent, as compared with 1914. The total value of footwear increased by \$118,589,928, or 188.3 per cent, while the number of pairs increased by 23,974,923, or 61.8 per cent. Of the 42,740,998 pairs of boots and shoes reported in 1919, men's and women's each formed a third, and boys', youths', misses' and children's combined, also a third. Each class shows an increase over 1914 and the total gain amounted to 13,632,256 pairs, or 46.8 per cent. Slippers produced were principally felt, and the number reported was largely in excess of previous censuses. All other footwear includes sandals, moccasins, canvas, fiber, and athletic shoes. All other products include contract work, stitching, making buttonholes, and footwear not strictly boots and shoes.

Table 33 shows, for 1919 and 1914, the various classes of footwear classified according to character of manufacture.

TABLE 33.—BOOTS AND SHOES—NUMBER OF PAIRS, BY METHOD OF MANUFACTURE: 1919 AND 1914.

KIND.	Cen-sus year.	Total number.	Welted.	McKay.	Turned, and wood or metal fastened.	Stitch-down.
Boots and shoes....	1919	42,740,908	13,833,040	19,051,523	16,501,930	2,451,505
	1914	29,108,742	12,220,438	4,638,527	12,249,777	(2)
Men's, boys', and youths'.	1919	20,837,516	4,088,289	15,472,017	33,608	343,602
Women's.....	1914	12,513,663	3,433,881	1,472,360	7,007,416	(2)
1919	14,272,275	7,732,157	82,700,731	3,839,387	.....	.....
1914	12,021,725	6,943,115	2,514,851	2,563,759	(2)	.....
Misses' and chil-dren's.	1919	7,631,207	1,112,594	1,781,775	2,628,935	2,107,903
1914	4,573,354	1,843,442	851,310	2,078,002	(2)	.....
Slippers.....	1919	10,021,339	101,371	6,988,932	2,871,036	.....
	1914	5,338,785	264,701	2,493,870	2,580,124	(2)
Men's, boys', and youths'.	1919	263,408	.....	120,015	4,142,793	.....
1914	108,531	88,882	.....	64,294	5,355	(2)
Woman's, misses', and children's.	1919	693,616	8,144,571	235,050	313,986	.....
1914	1,192,978	222,500	145,057	824,812	(2)	.....
Felt or other fiber slippers.	1919	9,064,315	16,800	6,633,258	2,414,257	.....
1914	4,037,276	3,400	2,283,010	1,740,057	(2)	.....
Infants' shoes and slippers.	1919	5,668,510	859,679	956,222	4,652,600	.....
	1914	4,306,631	46,833	138,946	4,121,852	(2)
All other footwear..	1919	4,342,234	609,802	408,910	720,738	2,503,775
	1914	44,000	.....	44,000	.....	(2)

¹ Wood or metal fastened, 36,834 pairs.² Not reported separately.³ Includes "Stitchdown."⁴ Includes "Welted," and "Stitchdown" to avoid disclosure of individual operations.

Of the total number of pairs of boots and shoes manufactured in New York state in 1919, welted formed 32.4 per cent; McKay, 46.7; and turned and metal fastened, 15.2. This compares with 42 per cent welted, 15.9 per cent McKay, and 42.1 per cent turned, and wood or metal fastened in 1914. The welted type, though the percentage of the total is much less in 1919 than in 1914, shows a gain in number of pairs reported. The McKay shows an increase in both per cent of total and actual number produced. The latter increase amounted to 330.2 per cent. Stitchdown type, reported separately, for the first time in 1919, constituted 5.7 per cent of the total for the state. Men's, boys', and youths' shoes were principally McKay, while women's were prin-

cipally welted. 'Misses' and children's were chiefly turned. Wood or metal fastened reported only 36,834 pairs for all classes. Of the total number of slippers reported in the state, the McKay constituted 69.7 per cent, of these 95.1 per cent were felt or other fiber slippers. Turned slippers were next in importance and these were practically all made of felt or other fiber. Infant's shoes and slippers show an increased production in 1919 as compared with 1914 and were principally of the turned type.

Electrical machinery, apparatus, and supplies (Table 34).—This table presents in detail the value of the various kinds of electrical machinery, apparatus, and supplies manufactured in 1919. Certain classes, although of greater value than those shown, could not be reported separately, because of disclosure of individual operations; among these were motors, insulated cables, and railway switches, signals, and attachments.

TABLE 34.—ELECTRICAL MACHINERY, APPARATUS, AND SUPPLIES: 1919.

PRODUCT.	Value, 1919.
Total value ¹	\$179,972,580
Generating apparatus and parts.....	16,752,642
Batteries.....	10,214,815
Insulated wire.....	8,341,126
Telephone apparatus.....	7,741,609
Switchboards, panel boards, and cut-out cabinets for light and power.....	7,488,106
Transformers and feeder potential regulators.....	7,067,076
Conduits, underground and interior.....	6,214,772
Magnetoignition apparatus.....	6,000,612
Carbons.....	5,950,050
Telegraph apparatus.....	5,355,485
Sockets, receptacles, bases, and attachment plugs.....	4,216,483
Therapeutic apparatus and X-ray tubes.....	4,000,980
Incandescent lamps.....	2,950,163
Household and industrial apparatus and devices.....	2,157,710
Searchlights, projectors, and focusing lamps.....	1,455,805
Electric measuring instruments.....	270,408
Arc lamps.....	229,274
All other electrical machinery, apparatus, and supplies.....	50,215,880
All other products.....	17,715,198
Amount received for custom work and repairing.....	3,572,227

¹ In addition, electrical machinery, apparatus, and supplies to the value of \$769,453 were reported by establishments engaged primarily in other industries.

Flour-mill and gristmill products (Table 35).—This table shows the chief products of the industry in New York at the censuses of 1919, 1914, and 1909.

TABLE 35.—FLOUR-MILL AND GRISTMILL PRODUCTS (MERCHANT MILLS): 1919, 1914, AND 1909.

PRODUCT.	1919	1914	1909
Total value.....	\$155,272,104	\$77,408,764	\$69,802,278
Wheat flour:			
Barrels.....	9,053,389	8,522,011	6,690,628
Value.....	\$90,985,220	\$40,798,737	\$35,659,891
Rye flour:			
Barrels.....	178,856	212,926	226,992
Value.....	\$1,504,302	\$945,174	\$970,797
Buckwheat flour:			
Pounds.....	25,019,032	44,291,164	60,632,357
Value.....	\$1,586,408	\$1,333,304	\$1,724,854
Barley meal:			
Pounds.....	1,405,571	1,004,032	1,530,356
Value.....	\$55,015	\$32,698	\$25,587
Corn meal and corn flour:			
Barrels.....	466,303	1,470,365	2,090,537
Value.....	\$2,022,848	\$4,382,960	\$5,967,948
Bran and middlings:			
Tons.....	355,285	328,665	
Value.....	\$15,412,501	\$7,864,012	
Feed and offal:			
Tons.....	533,068	637,394	856,923
Value.....	\$33,508,054	\$19,639,671	\$23,735,433
All other cereal products, value.....	\$32,914	\$2,000,442	\$1,490,733
All other products, value.....	\$104,724	\$301,716	\$227,040

Of the total value of products for the industry in the state, wheat flour formed 64.4 per cent in 1919 and 52.7 per cent in 1914. Bran and middlings and feed and offal combined formed 31.5 per cent and 35.6 per cent, respectively, for the two years. Illustrative of the high prices of commodities in 1919 as compared with 1914, the value of wheat flour increased 145.1 per cent while the quantity increased 6.2 per cent during the five-year period.

Automobiles, including bodies and parts (Table 36).—The following table shows the number and value of the different classes of automobiles manufactured during 1919, 1914, and 1909.

There was a remarkable increase in this industry for the state during the five-year period 1914–1919, the total number of automobiles increasing 98,605, or 891.9 per cent, and the value of products, \$169,021,877, or 401.3 per cent. Of the automobiles manufactured in 1919, 90.1 per cent were pleasure vehicles, 77.9 per cent of which were touring cars. Trucks, which represent 82 per cent of the business vehicles manufactured in the state during 1919, show an increase in number of 6,617, or 294.1 per cent, during the five-year period.

TABLE 36.—AUTOMOBILES, INCLUDING BODIES AND PARTS: 1919, 1914, AND 1909.

PRODUCT.	1919		1914		1909	
	Number.	Value.	Number.	Value.	Number.	Value.
Total value.....	.....	\$211,137,153	.....	\$42,115,276	.....	\$30,979,527
Automobiles, total.....	109,661	115,342,100	11,056	21,759,117	8,064	17,509,582
Pleasure vehicles.....	98,842	83,975,579	7,774	13,745,983	7,044	15,316,686
Touring cars.....	76,971	50,003,880	5,945	9,409,111	5,440	12,206,292
Closed cars.....	13,805	21,510,692	792	2,811,947	296	1,174,335
Roadsters.....	1,017	6,556,512	(1)	(1)	(1)	(1)
Runnabouts and all other.....	6,149	3,904,405	1,037	1,434,925	1,308	1,816,059
Business vehicles.....	10,819	31,366,521	3,282	8,013,134	1,020	2,192,896
Trucks.....	8,867	21,491,498	2,250	4,670,608	475	889,724
All other ²	1,052	6,975,023	1,032	3,342,526	545	1,303,172
Chassis.....	15,469	12,154,145	(3)	(3)	(3)	(3)
All other products, including bodies and parts and repairs.....	.....	83,340,908	.....	20,350,159	.....	13,460,945

¹ Included with runabouts in 1914 and 1909.

² Includes delivery wagons to avoid disclosure of individual operations.

³ Not reported separately in 1914 and 1909.

Paper and wood pulp (Table 37).—New York has been the leading state in production of paper and wood pulp for the last three censuses. In 1919 the value of manufactured output formed 16 per cent of the total for the industry in the United States. Of the 156 paper and pulp mills in the state in 1919, 19 were engaged exclusively in the manufacture of wood pulp, 81 made paper only, and 56 produced both pulp and paper.

The wood pulp manufactured in mills producing pulp exclusively, was used largely as material by the mills in the state, and its value represents a duplication, both in the total cost of materials and in the total value of products shown for the industry as a whole.

Table 37 gives the quantity and cost of principal materials used, the quantity and value of the different

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products manufactured, and a detailed statement of equipment for the years 1919, 1914, and 1909.

In 1919 the wood used in the manufacture of pulp was distributed as follows: Spruce, 860,972 cords; poplar, 103,653 cords; hemlock, 55,722 cords; pine, balsam, and basswood, 21,685 cords; and slabs and other mill waste, 13,113 cords.

The item "All other materials" includes chemicals, sulphur, sizing, dyestuffs, straw, and mill supplies.

New York led all other states in the output of newspaper, producing over one-third of the total amount manufactured in the United States for the last three censuses. The next in importance were boards, forming 12 per cent of total value of products, wrapping paper 11.6 per cent, and tissue paper 10 per cent.

The difference in amount of production of "bogus or wood manila" was due to the fact that in 1914 a considerable amount of "bogus bag paper" was included in "wrapping paper," while in 1919 it was reported as "All other paper."

TABLE 37.—PAPER AND WOOD PULP: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$70,953,743	\$35,930,459	\$31,767,283
Pulp wood:			
Cords.....	1,055,145	894,098	921,882
Cost.....	\$20,498,405	\$9,664,422	\$9,607,765
Wood pulp, purchased:			
Tons.....	390,222	390,004	331,143
Cost.....	\$22,873,237	\$10,621,460	\$10,075,729
Ground—			
Tons.....	1,223,094	1,240,177	150,844
Cost.....	\$8,904,510	\$4,746,756	\$3,202,648
Sulphite fiber—			
Tons.....	142,840	123,013	102,847
Cost.....	\$11,350,489	\$5,062,236	\$6,157,218
Sulphate fiber—			
Tons.....	22,040	18,455	(2)
Cost.....	\$2,125,319	\$641,482	(2)
Other chemical fiber—			
Tons.....	11,242	10,419	17,452
Cost.....	\$492,910	\$170,986	\$715,863
Rags, including cotton and flax waste and sweepings:			
Tons.....	39,086	29,416	27,809
Cost.....	\$2,345,501	\$617,446	\$403,271
Paper stock, including high-grade shavings and old and waste paper:			
Tons.....	229,086	188,370	155,436
Cost.....	\$4,983,299	\$2,102,411	\$2,000,335
Manila stock, including jute bagging, rope, waste, thread, etc.:			
Tons.....	9,704	11,793	11,952
Cost.....	\$971,228	\$487,422	\$429,368
China clay:			
Tons.....	34,182	(3)	(3)
Cost.....	\$546,048	(3)	(3)
Bleaching powder:			
Tons.....	11,065	(3)	(3)
Cost.....	\$697,719	(3)	(3)
Fuel and rent of power, cost.....	\$8,810,385	\$4,042,077	\$3,028,118
All other materials, cost.....	\$15,218,923	\$8,305,221	\$6,072,697
PRODUCTS.			
Total value.....	\$120,381,032	\$50,335,681	\$48,859,610

¹ Includes 2,385 tons of mechanical screenings, which cost \$32,362 in 1919; and 4,150 tons, with a cost of \$33,476 in 1914.
² Included in "Other chemical fiber."
³ Not reported separately.
⁴ Reported as "Writing and other fine paper" in 1914.

TABLE 37.—PAPER AND WOOD PULP: 1919, 1914, AND 1909—Continued.

	1919	1914	1909
PRODUCTS—continued.			
Wrapping paper:			
Tons.....	132,559	158,249	150,098
Value.....	\$15,060,069	\$8,265,007	\$7,724,244
Manila (rope, jute, etc.):			
Tons.....	18,181	16,327	17,347
Value.....	\$3,485,162	\$1,250,725	\$1,045,375
Heavy wrapping (mill wrappers, etc.):			
Tons.....	31,007	19,654	18,951
Value.....	\$2,272,796	\$662,840	\$605,468
Bogus or wood manila:			
Tons.....	36,757	87,277	79,952
Value.....	\$3,248,479	\$4,313,583	\$4,200,208
Kraft:			
Tons.....	23,604	(3)	(3)
Value.....	\$3,055,354	(3)	(3)
All other:			
Tons.....	23,010	34,991	33,848
Value.....	\$2,998,878	\$2,038,759	\$1,777,193
Boards:			
Tons.....	238,637	181,830	141,467
Value.....	\$15,557,059	\$6,441,815	\$5,105,735
Wood pulpboard:			
Tons.....	44,927	32,376	23,757
Value.....	\$3,449,512	\$1,279,332	\$948,796
Chip board:			
Tons.....	80,000	(3)	(3)
Value.....	\$4,208,905	(3)	(3)
All other boards:			
Tons.....	103,711	149,454	117,710
Value.....	\$7,898,642	\$5,162,483	\$4,150,939
Tissue paper:			
Tons.....	74,256	46,032	30,049
Value.....	\$12,927,255	\$3,009,858	\$2,786,101
High grades:			
Tons.....	6,038		
Value.....	\$1,535,775		
Manila and No. 2 white:			
Tons.....	14,705		
Value.....	\$2,206,058		
Toilet:			
Tons.....	47,197		
Value.....	\$8,005,041		
All other:			
Tons.....	6,316		
Value.....	\$1,170,481		
All other paper:			
Tons.....	110,118	47,292	62,930
Value.....	\$13,530,301	\$2,274,684	\$2,169,723
Wood pulp, made for sale or consumption in mills other than where produced:			
Tons.....	233,303	182,964	279,875
Value.....	\$14,030,967	\$4,038,321	\$8,820,698
Ground:			
Tons.....	110,774	100,631	100,383
Value.....	\$3,600,570	\$1,804,941	\$1,859,301
Soda fiber:			
Tons.....	31,570	23,490	33,236
Value.....	\$2,800,563	\$950,179	\$1,375,169
Sulphite fiber:			
Tons.....	85,072	53,874	146,256
Value.....	\$8,041,032	\$2,134,870	\$5,586,136
Screenings, mechanical and chemical:			
Tons.....	5,281	4,960	(3)
Value.....	\$125,802	\$48,322	(3)
All other products, value.....	\$2,407,255	\$870,170	\$157,854
Wood pulp produced (including that used in mills where manufactured), total tons.....	811,058	708,125	670,534
Ground, tons.....	479,817	423,005	405,376
Sulphite fiber, tons.....	200,891	219,446	234,717
Soda fiber, tons.....	60,678	49,594	39,441
Screenings, mechanical and chemical, tons.....	10,672	10,480	(3)
EQUIPMENT.			
Paper machines:			
Total number.....	292	278	331
Capacity, yearly, tons.....	1,490,125	1,326,593	1,096,094
Fourdrinier:			
Number.....	150	147	163
Capacity, per 24 hours, tons.....	3,103	3,163	2,475
Cylinder:			
Number.....	142	131	178
Capacity, per 24 hours, tons.....	1,689	1,266	1,124
Pulp machines:			
Grinders, number.....	502	536	500
Digesters, number.....	191	104	114
Sulphite fiber.....	168	81	93
Soda fiber.....	23	23	21
Capacity, yearly, tons of pulp.....	1,072,091	930,402	1,038,741
Ground.....	684,107	624,315	685,436
Sulphite.....	328,309	260,284	308,622
Soda.....	59,075	51,853	44,683

⁶ Included in "All other wrapping paper."

Butter, cheese, and condensed milk (Table 38).—This table presents the quantities and values of the principal products of the industry for 1919, 1914, and 1909. The total value of products for 1919 shows an increase over that of 1914 of \$85,746,056, or 198.2 per cent. Illustrative of the high prices of commodities in 1919 as compared with 1914, the value of butter decreased 5.7 per cent while the quantity decreased 55.6 per cent. The quantity of cheese decreased 8,656,164 pounds, or 8.9 per cent, while the value increased \$10,981,841, or 79.3 per cent, during the five-year period. The production of condensed milk shows an increase of 288,848,829 pounds, or 262.7 per cent, from 1914 to 1919; evaporated milk shows an increase of 59,312,522 pounds, or 274.1 per cent, during the five-year period. Information concerning the manufacture of powdered milk and sugar of milk was not secured separately prior to the census of 1914. During the census period 1914–1919, powdered milk increased 12,157,235 pounds, or 129.7 per cent; and sugar of milk increased 1,819,083 pounds, or 51.2 per cent.

TABLE 38.—BUTTER, CHEESE, AND CONDENSED MILK: 1919, 1914, AND 1909.

PRODUCT.	1919	1914	1909
Total value.....	\$129,008,365	\$43,262,309	\$42,458,345
Butter:			
Pounds.....	15,727,774	35,385,557	45,897,216
Value.....	\$9,949,106	\$10,551,007	\$13,471,482
Packed solid—			
Pounds.....	10,752,801	23,520,187	31,481,828
Value.....	\$6,819,683	\$6,871,975	\$8,127,057
Prints or rolls—			
Pounds.....	4,974,973	11,859,370	14,415,388
Value.....	\$3,329,423	\$3,679,032	\$4,344,425
Cheese:			
Pounds.....	88,957,860	97,614,024	105,194,898
Value.....	\$24,822,055	\$18,840,244	\$14,206,924
Full-cream—			
Pounds.....	50,873,219	86,015,482	89,055,411
Value.....	\$18,217,182	\$12,556,053	\$12,502,997
Part-cream—			
Pounds.....	4,405,916	6,812,375	7,171,365
Value.....	\$907,087	\$659,572	\$778,770
Skimmed—			
Pounds.....	8,575,533	2,692,691	4,455,081
Value.....	\$1,415,370	\$243,349	\$291,246
Other kinds—			
Pounds.....	16,103,192	2,093,476	4,512,441
Value.....	\$4,222,446	\$380,370	\$983,911
Condensed milk:			
Pounds.....	398,787,961	109,939,132	120,001,999
Value.....	\$65,614,415	\$9,051,541	\$8,428,283
Sweetened—			
Pounds.....	363,422,890	72,487,665	87,658,031
Value.....	\$61,857,503	\$8,028,171	\$7,576,218
Unsweetened—			
Pounds.....	35,305,071	37,451,467	32,943,968
Value.....	\$3,756,912	\$2,423,370	\$1,883,065
Evaporated milk:			
Pounds.....	80,948,023	21,635,501	(?)
Value.....	\$11,480,199	\$1,549,372	
Cream sold:			
Pounds.....	18,305,292	28,074,200	27,078,783
Value.....	\$5,473,553	\$4,312,170	\$3,481,296
Casein:			
Pounds.....	3,001,220	6,988,803	6,712,971
Value.....	\$350,076	\$462,299	\$482,308
Powdered milk:			
Pounds.....	21,529,412	9,372,177	(?)
Value.....	\$6,129,070	\$1,105,335	(?)
Sugar of milk:			
Pounds.....	5,373,108	3,554,025	(?)
Value.....	\$1,390,673	\$360,657	(?)
All other butter, cheese, and condensed-milk factory products, value.....	\$3,402,568	\$1,532,258	\$589,211
All other products, value.....	\$306,620	\$407,426	\$738,841

¹ In addition, in 1919, butter valued at \$4,319, cheese valued at \$1,523, condensed milk valued at \$89,000, casein valued at \$4,294, and powdered milk valued at \$237,956 were manufactured in establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

² Figures not available.

Druggists' preparations, patent medicines and compounds, and perfumery and cosmetics (Table 39).—This table gives the statistics for the census years 1919 and 1914. The industries constituting the group represent 680 establishments in 1919—druggists' preparations, 98; patent medicines and compounds, 403; and perfumery and cosmetics, 179; with products aggregating in value \$101,457,376, this amount being exclusive of druggists' preparations, patent medicines and compounds, and perfumery and cosmetics, reported by establishments engaged primarily in the manufacture of other commodities.

In 1914 there were 806 establishments in the group, with products valued at \$41,796,235—druggists' preparations, 81; patent medicines and compounds, 566; and perfumery and cosmetics, 159. The figures show an increase of 142.7 per cent in value of products for the group; 103.2 per cent for druggists' preparations, 126 per cent for patent medicines and compounds, and 249.8 per cent for perfumery and cosmetics.

TABLE 39.—DRUGGISTS' PREPARATIONS, PATENT MEDICINES AND COMPOUNDS, AND PERFUMERY AND COSMETICS: 1919 AND 1914.

PRODUCT.	1919	1914
Total.....	\$109,504,004	\$43,057,468
The classified industries (all products):		
Druggists' preparations.....	18,000,192	8,856,268
Patent medicines and compounds.....	57,957,977	25,650,716
Perfumery and cosmetics.....	25,499,207	7,289,251
Subsidiary products from other industries.....	8,046,628	1,201,233
Alkaloids, pharmaceutical metals and synthetic preparations.....	8,187,864	2,107,225
Biological products (serums, vaccines, toxins, etc.).....	1,316,149	312,744
Patent and proprietary medicines.....	41,724,974	21,383,575
Patent and proprietary compounds.....	9,723,949	3,569,503
Tinctures, fluid extracts, medicinal syrups and other liquid preparations (not patent and proprietary).....	9,253,067	4,835,653
Pills, tablets, powders, etc. (not patent and proprietary).....	8,129,173	1,548,835
Perfumery, cosmetics and toilet preparations.....	26,708,960	7,507,864
All other products.....	4,459,868	1,792,069

Iron and steel, steel works and rolling mills (Table 40).—The following table gives the statistics for the steel and rolling mill industry for 1919, 1914, and 1909. The state ranked fifth in value of products in steel production, being exceeded by Pennsylvania, Ohio, Indiana, and Illinois, in the order named. The value of all products in 1919 shows an increase of 213.6 per cent as compared with 1914. Rolled, forged, and other classified products represented 91.7 per cent of the total value of products in 1919 as compared with 82.5 per cent in 1914, and 85.8 per cent in 1909. These products aggregated 1,075,969 gross tons in 1919, an increase of 52.9 per cent over the production tonnage of 1914, though but 1.9 per cent greater than 1909. The average unit value for all classified products was \$85.73 per gross ton in 1919, \$37.61 in 1914, and \$32.12 in 1909. Open-hearth steel constituted 89.8 per cent of the total steel production in 1919, 81 per cent in 1914, and 44.8 per cent in 1909.

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TABLE 40.—IRON AND STEEL, STEEL WORKS AND ROLLING MILLS:
1919, 1914, AND 1909.
[Tons, 2,240 lbs.]

	1919	1914	1909
Materials, total cost.....	\$57,105,001	\$18,216,613	\$25,880,170
Pig iron:			
Tons.....	900,198	522,783	947,541
Cost.....	\$20,393,617	\$7,150,599	\$15,087,647
Ferro and other alloys:			
Tons.....	21,741		
Cost.....	\$4,998,562		
Scrap, purchased: ¹			
Tons.....	170,861	194,541	183,112
Cost.....	\$4,700,356	\$2,450,508	\$3,239,711
Scrap, made and consumed in same works, tons.....	425,013	176,832	203,234
Steel, crude and semifinished, not produced in works where consumed, not including rails for rerolling (ingots, blooms, billets, slabs and sheet and thin-plate bars):			
Tons.....	93,892	92,206	96,091
Cost.....	\$5,344,728	\$1,763,336	\$1,874,019
Fuel and rent of power, cost.....	\$7,403,267	\$2,406,187	\$2,170,165
All other materials, cost.....	\$14,195,471	\$4,349,843	\$3,510,728
Products, total value.....	\$100,502,636	\$32,077,757	\$30,532,414
Rolled, forged, and other classified iron and steel products:			
Tons.....	1,075,969	703,710	1,055,968
Value.....	\$92,243,134	\$26,465,401	\$33,921,048
All other products, including value added to rolling-mill products by further manufacturer, value.....	\$8,349,502	\$5,612,356	\$5,611,366
Steel production (tons).			
Total.....	1,106,582	745,441	1,115,250
Open-hearth.....	1,074,444	603,642	499,718
Bessemer.....	58,769	119,998	105,532
Electric and crucible.....	63,369	21,801	
Ingots.....	1,165,073	711,822	1,088,840
Castings.....	31,509	33,619	26,410

¹ Includes scrap transferred to the establishment reporting, at an assigned value from other works of the same company.

Leather, tanned, curried, and finished (Table 41).—The quantity and cost of the various kinds of materials used, and the quantity and value of the principal products of this industry for 1919, 1914, and 1909, are given in the following table:

TABLE 41.—LEATHER, TANNED, CURRIED, AND FINISHED: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$70,486,989	\$27,912,271	\$20,940,733
Cattle hides:			
Number.....	2,679,977	2,050,403	1,639,407
Cost.....	\$20,588,884	\$15,042,357	\$10,473,699
Calf and kip skins:			
Number.....	2,032,919	2,060,623	2,107,584
Cost.....	\$11,573,365	\$3,476,444	\$2,755,764
Sheep and lamb skins:			
Number.....	5,951,181	8,306,020	6,491,352
Cost.....	\$8,451,306	\$8,310,324	\$3,214,723
All other raw stock, cost.....	\$9,713,430	\$1,189,903	\$884,620
Fuel and rent of power, cost.....	\$913,349	\$853,523	\$318,745
All other materials, cost.....	\$10,246,565	\$4,030,720	\$3,197,182
PRODUCTS.			
Total value.....	\$98,094,503	\$30,018,342	\$27,642,383
Leather, value:			
Sole—			
Sides.....	2,005,045	1,365,240	1,138,461
Value.....	\$22,353,884	\$7,184,038	\$5,983,249
Cattleside upper (other than patent)—			
Sides.....	3,346,478	2,255,504	1,500,259
Value.....	\$21,775,075	\$9,181,915	\$4,484,136
Calf and kip skins—			
Number.....	1,949,754	2,078,523	2,106,084
Value.....	\$15,684,078	\$4,437,642	\$3,770,513
Sheep and lamb skins—			
Number.....	5,714,000	7,196,784	3,409,260
Value.....	\$10,958,838	\$4,707,888	\$2,409,610
Cabretta skins—			
Number.....	2,152,785	(1)	(1)
Value.....	\$5,206,581	(1)	(1)
All other, value.....	\$16,731,701	\$8,060,212	\$9,256,293
All other products, value.....	\$1,679,310	\$936,374	\$597,502
Work on materials furnished by others, value.....	\$3,634,346	\$1,510,273	\$1,185,080

¹ Not reported separately.

Cattle hides show a large increase in both number and cost as compared with previous censuses. Calf and kip and sheep and lamb skins both fell off in number treated, but the cost increased greatly. Upper leather, made from both hides and skins, constituted the principal kind of leather produced in New York state. Sole leather was another important product, but harness and upholstery leather, important at previous censuses, decreased to such an extent that both are included in "All other leather." Many of the skins were converted into glove leather. New York leads all other states in the manufacture of this kind of leather. "All other leather," in addition to harness and upholstery leather, includes patent, horse, bookbinders, finished splits, skivers, and fleshers.

Chemicals (Table 42).—This table presents the statistics of products for the chemical industries, 1919, 1914, and 1909. New York leads all states in value of these products. The 1919 production comprises all products reported by 137 establishments engaged primarily in the manufacture of chemicals, including those of coal-tar origin and sulphuric, nitric, and mixed acids, amounting to \$136,563,860; and chemicals to the value of \$15,836,674 manufactured by establishments included under other industry classifications. In 1914 there were 72 establishments in the industries constituting the group, and in 1909, 78 establishments.

The output of 134 establishments, with products valued at \$133,893,650 in 1919, is comparable with 70 establishments and \$42,876,880 in 1914, and 74 establishments and \$35,346,072 in 1909, showing an increase of 212 per cent in value of products for the period 1914–1919, and 21 per cent for 1909–1914.

The item "other chemicals" includes many important electrochemical and electrometallurgical products. The chemicals produced with the aid of electricity constituted 54 per cent of total for all chemicals so produced in the United States in 1919, 78 per cent in 1914, and 73 per cent in 1909; and they constituted 25 per cent of the value of all chemicals for the state in 1919, 47 per cent in 1914, and 34 per cent in 1909.

TABLE 42.—CHEMICALS: 1919, 1914, AND 1909.

PRODUCT.	1919	1914	1909
Total.....	\$152,308,892	\$48,020,204	\$39,079,197
The classified industries:			
Chemicals.....	88,101,532	{ 42,876,880	35,346,072
Coal-tar products.....	45,792,118		
Sulphuric, nitric, and mixed acids.....	2,670,210		
Subsidiary chemical products from other industries.....	15,835,132	6,043,324	3,733,125
Acids.....	11,085,109	3,884,018	3,717,588
Sodas, sodium, and compounds.....	10,617,340	1,731,420	1,622,883
Alums, aluminum, and compounds.....	16,838,226	3,435,618	3,610,437
Bleaching compounds.....	5,684,933	2,546,209	932,086
Compressed and liquified gases.....	2,064,518	1,143,413	702,739
Other chemicals.....	90,078,642	32,540,108	25,621,957
All other products.....	6,130,218	1,055,978	1,236,617
Produced by the aid of electricity (Included above).....	35,381,021	23,081,853	13,401,878

¹ Reported as "sodas and other soda products."

² Alums.

Manufactured Gas (Table 43).—The following table gives the statistics for the manufactured gas industry for 1919, 1914, and 1909:

TABLE 43.—MANUFACTURED GAS: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$41,124,513	\$21,559,786	\$15,018,406
Coal used for gas making:			
Net tons.....	1,624,890	1,521,359	1,275,404
Cost.....	\$10,146,140	\$5,299,805	\$4,305,405
Average cost per ton.....	\$6.25	\$3.50	\$3.40
Coke used for gas making:			
Purchased—			
Net tons.....	127,148	91,343	101,012
Cost.....	\$784,518	\$314,703	\$330,338
Average cost, per ton.....	\$6.20	\$3.45	\$3.30
Made and consumed (in gas making), tons.....	368,773	317,408	
Oil used for enriching and for gas making:			
Gallons.....	256,431,648	200,289,532	171,212,040
Cost.....	\$17,187,738	\$8,267,469	\$5,375,560
Average cost per gallon.....	\$0.07	\$0.04	\$0.03
Benzene or benzol, benzine, gasoline, and naphtha:			
Gallons.....	24,830	53,813	120,035
Cost.....	\$5,828	\$11,278	\$18,321
Gas purchased:			
M cubic feet.....	13,054,951	10,849,673	(1)
Cost.....	\$8,774,408	\$4,956,883	\$2,365,563
Average cost per M cubic feet.....	\$0.67	\$0.46	
Boiler, retort and bench fuel, cost.....	\$1,306,586	\$601,697	\$384,712
All other materials, cost.....	\$1,437,462	\$1,233,427	\$449,137
Amount paid for lamps and appliances purchased for sale, cost.....	\$1,531,835	\$874,724	\$986,370
PRODUCTS.			
Total value.....	\$69,339,351	\$52,815,580	\$42,346,726
Gas, for sale:			
Cubic feet, thousands.....	76,730,458	54,771,344	45,768,354
Value.....	\$62,302,211	\$43,058,149	\$34,851,555
Average value per M cubic feet.....	\$0.81	\$0.79	\$0.76
Straight coal gas—			
Cubic feet, thousands.....	404,290	1,822,078	6,255,297
Value.....	\$717,860	\$1,701,335	\$4,267,355
Average value per M cubic feet.....	\$1.55	\$0.93	\$0.68
Carbureted water gas—			
Cubic feet, thousands.....	38,917,705	34,593,594	34,759,676
Value.....	\$33,006,884	\$26,445,859	\$26,704,625
Average value per M cubic feet.....	\$0.85	\$0.76	\$0.77
Mixed coal and water gas—			
Cubic feet, thousands.....	37,321,574	18,289,899	4,603,866
Value.....	\$28,441,102	\$14,670,483	\$3,490,211
Average value per M cubic feet.....	\$0.76	\$0.80	\$0.76
Oil gas—			
Cubic feet, thousands.....	22,804	53,922	134,167
Value.....	\$75,279	\$189,590	\$322,878
Average value per M cubic feet.....	\$3.30	\$3.52	\$2.41
Acetylene (distributed through mains)—			
Cubic feet, thousands.....	2,297	3,129	23,488
Value.....	\$27,040	\$39,012	\$48,837
Average value per M cubic feet.....	\$11.77	\$12.47	\$14.00
Other gas (chiefly gasoline, cold process):			
Cubic feet, thousands.....	1,698	8,722	8,860
Value.....	\$3,986	\$11,870	\$17,659
Average value per M cubic feet.....	\$2.35	\$1.98	\$1.99
Coke:			
Production, net tons.....	608,790	643,956	.....
For sale—			
Net tons.....	240,026	326,548	350,197
Value.....	\$1,449,765	\$1,197,018	\$1,163,500
Average value per ton.....	\$6.04	\$3.66	\$3.32
Made and consumed, net tons.....	368,770	317,408	(1)
Tar:			
Production, gallons.....	51,193,229	43,282,922	21,744,268
Coal-gas tar.....	11,012,617	(1)	(1)
Water-gas and oil-gas tar.....	40,180,612	(1)	(1)
For sale—			
Gallons.....	10,191,760	27,249,634	15,304,307
Value.....	\$945,245	\$736,044	\$312,749
Made and consumed, gallons.....	32,001,460	16,033,288	6,439,961
Other by-products.....	\$591,543	\$6,588,052	\$4,984,977
All other products.....	\$109,892		
Receipts from rents and sales of lamps and appliances:			
Rents.....	\$1,388,030	\$1,236,326	\$1,033,926
Sales.....	\$2,194,685		

¹ Figures not available.² Includes acetylene sold in containers (compressed).

There were 96 establishments in 1919 comprising 17 straight gas plants, 46 carbureted water gas, 15 mixed coal and water gas, 3 oil gas, and 15 acetylene and gasoline (these being small village

lighting systems), as compared with 131 establishments in 1914 comprising 25 straight coal gas plants, 52 carbureted water gas, 15 mixed coal and water gas, 5 oil gas and 34 acetylene and gasoline plants. The statistics include 2 municipal plants in 1919; acetylene systems operated by the villages of Spencerport, Monroe County, and Dryden, Tompkins County; and 3 municipal plants in 1914 and 1909.

The state ranks first among the states in the industry, reporting 21 per cent of the total value of products for the industry in 1919, 24 per cent in 1914, and 25.4 per cent in 1909.

The figures show an increase for the census period 1914–1919 of 40.1 per cent in quantity production, and 44.8 per cent in gas value; and for the period 1909–1914 increases of 19.7 per cent in quantity and 23.6 per cent in value.

Carbureted water gas constituted 50.7 per cent of the total gas production in 1919; 63.2 per cent in 1914, and 75.9 per cent in 1909; mixed coal and water gas, 48.6 per cent of the total quantity in 1919; 33.4 per cent in 1914, and 10.1 per cent in 1909; and all other kinds, comprising straight coal gas, oil gas, acetylene and gasoline, but seven-tenths of 1 per cent in 1919, as compared with 3.4 per cent in 1914 and 14 per cent in 1909.

Brass, bronze, and copper products (Table 44).—This table presents the value of the different classes of brass, bronze, and copper products for 1914 and 1919, including those made as subsidiary products by establishments engaged primarily in other industries.

The industry itself shows an increase in value of products of \$42,597,463, or 177.8 per cent, while with the subsidiary products from other establishments added the increase amounts to \$40,734,963, or 152.3 per cent.

TABLE 44.—BRASS, BRONZE, AND COPPER PRODUCTS: 1919, AND 1914.

PRODUCT.	1919	1914
Total value.....	\$67,484,849	\$26,749,886
The brass, bronze, and copper industry.....	66,562,045	23,984,582
Subsidiary products from other industries.....	922,804	2,785,304
Ingots and bars.....	5,834,613	2,758,391
Plates and sheets.....	7,096,535	4,821,676
Rods.....	2,589,290	1,231,551
Tubing:		
Seamless.....	6,550,536	1,285,979
Brazed.....	511,182	604,019
Wire:		
Plain.....	3,774,714	545,200
Insulated.....	891,427	(1)
Castings and machinery fittings.....	14,552,469	(1)
Lamps.....	1,042,846	175,581
Electrical supplies.....	961,826	87,316
Other hardware and trimmings.....	15,501,645	1,769,524
All other brass, bronze, and copper products.....	5,274,342	12,085,778
All other products, including custom work and repairing.....	2,903,424	877,593

¹ Included with plain wire to avoid disclosure of individual operations.² Not reported separately.

Iron and steel, blast furnaces (Table 45).—The following table gives the statistics for the blast-furnace industry for 1919, 1914, and 1909. The production is all coke pig iron. There were 21 active furnaces in

1919 of 7,676 tons daily capacity, as compared with 16 in 1914 of 5,385 tons. Of these furnaces, 19 of 7,296 tons daily capacity are located in the western part of the state in Erie, Niagara, and Monroe Counties, and are operated on Lake Superior ores. The balance of the furnaces, 2 in number, of 380 tons daily capacity, are in the Champlain district, and use local ores.

The state ranked sixth in the pig-iron industry in 1919, being exceeded by Pennsylvania, Ohio, Illinois, Indiana, and Alabama, in the order named. Of the total production, 46.2 per cent was for consumption in the plants of the producing company and 53.8 per cent was for sale, as compared with 30 per cent for consumption and 70 per cent for sale in 1914.

TABLE 45.—IRON AND STEEL, BLAST FURNACES: 1919, 1914, AND 1909.

PRODUCT.	1919	1914	1909
Total value.....	\$51,601,905	\$18,485,638	\$26,620,948
Pig iron:			
Tons (2,240 lbs.)	1,890,904	1,406,455	1,717,091
Value.....	\$50,212,451	\$18,175,036	\$26,596,413
Average unit value, ton.....	\$26.50	\$13.00	\$15.50
Classified by grades (tons).			
Basic.....	944,783	332,507	202,846
Bessemer and low phosphorus.....	74,074	246,023	622,115
Foundry.....	717,550	629,459	629,905
Malicable.....	148,095	196,462	107,973
All other.....	6,492	2,004	94,252
Classified by method of delivery or casting (tons).			
Molten, to steelworks, etc.....	743,763	468,767	692,891
Machine and chill cast.....	668,288	278,310	259,600
Sand cast.....	478,943	659,378	764,800
All other products, value.....	\$1,339,548	\$910,602	\$24,535

Soap (Table 46).—This table shows the quantity and value of the chief products of the soap industry in the state in 1919, 1914, and 1909, together with the principal materials consumed in soap manufacture by establishments manufacturing soap as their chief product.

TABLE 46.—SOAP: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost ¹	\$37,784,204	\$10,869,384	\$15,012,382
Animal fats, tallow, grease, etc.:			
Pounds.....	75,701,378		
Cost.....	\$10,424,887	120,901,255	98,088,852
Red oil, fish oil, fatty acids, etc.:			
Gallons.....	1,460,256	\$7,733,796	\$6,843,965
Cost.....	\$999,668		
Coconut oil:			
Gallons.....	3,915,038		
Cost.....	\$4,650,939		
Other vegetable oils:			
Gallons.....	2,914,090	(?)	(?)
Cost.....	\$2,861,232		
Soap stock:			
Pounds.....	11,259,684		
Cost.....	\$933,152		
Rosin:			
Pounds.....	19,251,815	44,908,025	43,042,265
Cost.....	\$1,161,973	\$1,005,502	\$939,230
Caustic soda:			
Tons (2,000 pounds).....	13,142	9,981	11,006
Cost.....	\$1,103,530	\$325,870	\$449,716
Soda ash:			
Tons (2,000 pounds).....	14,907	38,501	24,958
Cost.....	\$647,546	\$494,759	\$463,152
All other materials, including fuel and rent of power, cost.....	\$15,001,277	\$10,309,448	\$7,916,319

¹ Does not include materials consumed in soap manufacture by establishments making soap as a subsidiary product.

² Included with all other materials.

TABLE 46.—SOAP: 1919, 1914, AND 1909—Continued.

	1919	1914	1909
PRODUCTS.			
Total value.....	\$52,380,249	\$28,677,195	\$23,764,479
The soap industry, all products.....	\$50,843,837	\$27,526,199	\$23,582,077
Subsidiary soap products from other industries.....	\$1,542,412	\$1,150,996	\$181,502
Hard soaps:			
Quantity, pounds.....	304,771,000	8419,324,000	374,590,000
Tallow soap.....	253,418,000	213,060,000	252,672,000
Olein soap.....	1,280,000	9,620,000	1,138,000
Foots soap.....	2,845,000	5,127,000	4,240,000
Toilet soap.....	13,348,000	23,099,000	15,950,000
Dye soaps.....	216,000		
Powdered soaps.....	4,92,560,000	81,463,000	58,899,000
Soap chips.....	17,392,000	16,334,000	16,682,000
Other hard soaps.....	13,412,000	50,277,000	41,682,000
Value.....	\$34,531,105	\$19,074,263	\$18,275,563
Soft soaps:			
Pounds.....	31,672,100	19,012,016	14,788,812
Value.....	\$860,692	\$271,221	\$171,702
Liquid soaps:			
Pounds.....	2,470,092		
Value.....	\$325,317		
Special soap articles, value.....	\$535,702		
Glycerin, refined:			
Pounds.....	12,399,081	8,906,960	7,913,424
Value.....	\$2,752,375	\$1,735,280	\$1,212,006
Perfumes and toilet preparations, value	\$1,623,442	\$1,655,848	
All other products, value.....	\$11,357,536	\$4,617,452	\$3,945,362

^a Includes 13,735,000 pounds not distributed by kind.

^b Includes 7,067,000 pounds reported as "cleaners."

Paint and varnish (Table 47).—This table gives the product statistics for the paint and varnish industries combined, for 1919, 1914, and 1909. There were 148 establishments in 1919; 97 engaged primarily in the manufacture of paints and 51 in the manufacture of varnishes; as compared with 150 in 1914—105 paints and 45 varnishes—and 147 in 1909.

TABLE 47.—PAINT AND VARNISH: 1919, 1914, AND 1909.

PRODUCT.	1919	1914	1909
Total value.....	\$60,243,534	\$31,884,421	\$23,550,474
The classified industries:			
Paints.....	44,120,831	22,425,058	
Varnishes.....	22,113,703	9,458,403	23,559,474
Colors (pigments):			
White lead, dry:	\$9,307,899	\$4,900,328	\$5,314,750
For sale—			
Pounds.....	5,401,781	12,341,619	12,173,520
Value.....	\$502,025	\$631,642	\$639,841
Made and consumed, pounds.....	31,569,979		
Iron buff and other earth colors:			
Pounds.....	10,189,948	7,806,465	11,919,174
Value.....	\$425,966	\$130,435	\$100,066
Other dry colors:			
Pounds.....	37,644,805	30,782,558	60,744,818
Value.....	\$7,071,767	\$3,614,834	\$3,812,132
Pulp colors sold moist:			
Pounds.....	10,335,081	11,336,804	14,020,581
Value.....	\$1,307,541	\$583,417	\$672,111
Paints.....	\$23,348,532	\$11,612,019	\$6,657,809
In paste form, ground in oil:			
White lead—			
Pounds.....	39,321,030	63,789,375	62,973,138
Value.....	\$4,322,900	\$3,794,000	\$3,765,227
All other—			
Pounds.....	32,083,984	23,441,855	21,453,365
Value.....	\$5,999,504	\$2,067,847	\$2,274,401
In oil, already mixed for use:			
Gallons.....	6,000,429	4,740,087	3,331,091
Value.....	\$13,026,128	\$5,750,082	\$3,618,181
Varnishes and japans—			
Gallons.....	\$20,972,564	\$8,053,680	\$7,039,299
Value.....			
Oleoresinous varnishes—			
Gallons.....	5,250,903	4,700,812	5,199,289
Value.....	\$9,134,750	\$5,044,550	\$4,328,544
Spirit varnishes, not turpentine—			
Gallons.....	1,045,338	667,230	253,266
Value.....	\$2,691,857	\$627,133	\$306,681
Dammar and similar turpentine and benzine varnishes—			
Gallons.....	1,429,054	183,125	277,667
Value.....	\$1,843,012	\$203,470	\$221,343

¹ In addition, paints and varnishes to the value of \$3,470,742 in 1919, and \$1,088,897 in 1914, were produced as subsidiary products by establishments engaged primarily in other industries.

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TABLE 47.—PAINT AND VARNISH: 1919, 1914, and 1909—Contd.

PRODUCT.	1919	1914	1909
Varnishes and japsans—Continued.			
Drying japsans and dryers—			
Gallons.....	594,514	789,772	
Value.....	\$837,135	\$461,387	
Baking japsans and lacquers—			
Gallons.....	552,572	1,028,193	\$1,276,148
Value.....	\$836,127	\$799,530	
All other, value.....	\$5,629,074	\$1,547,616	\$1,506,583
Fillers:			
Liquid—			
Gallons.....	241,449	219,582	201,232
Value.....	\$287,142	\$172,568	\$189,561
Dry or in paste—			
Pounds.....	650,474	2,066,252	
Value.....	\$208,122	\$207,363	
Putty—			
Pounds.....	8,530,364	11,322,630	15,096,299
Value.....	\$420,723	\$221,944	\$420,390
Water paints and kalsomine:			
Dry or in paste—			
Pounds.....	51,599,620	31,029,629	25,490,405
Value.....	\$2,009,629	\$1,043,394	\$856,159
Mixed for use—			
Gallons.....	226,733	36,204	
Value.....	\$520,557	\$3,895	
Linseed oil:			
Raw—			
Gallons.....	874,158	1,272,994	
Value.....	\$1,454,881	\$734,004	
Boiled—			
Gallons.....	338,705	463,002	
Value.....	\$584,172	\$248,228	
Other oils, value.....	\$889,023	\$216,619	
All other products.....	\$6,234,290	\$3,809,873	

Musical instruments, pianos and organs and materials (Table 48).—This table shows for 1919, 1914, and 1909 the number and value of the different kinds of organs and pianos manufactured, also the value of the organ and piano materials made by establishments not engaged primarily in the production of the complete instruments.

TABLE 48.—MUSICAL INSTRUMENTS, PIANOS AND ORGANS AND MATERIALS: 1919, 1914, AND 1909.

PRODUCT.	1919	1914	1909
Total value.....	\$52,231,101	\$33,071,781	\$32,423,248
Pianos:			
Number.....	120,068	121,215	131,780
Value.....	\$35,002,633	\$22,289,359	\$22,761,384
Upright—			
Without player—			
Number.....	41,975	74,084	108,565
Value.....	\$8,709,913	\$9,924,308	\$15,769,715
With player—			
Number.....	59,715	41,728	18,917
Value.....	\$17,808,769	\$0,682,566	\$4,624,148
Player reproducing—			
Number.....	2,892	(2)	(2)
Value.....	\$1,182,827	(2)	(2)
Grand—			
Baby—			
Without player—			
Number.....	12,041	4,865	4,298
Value.....	\$5,719,897	\$2,402,216	\$2,370,521
With player, including reproducing—			
Number.....	907	538	(2)
Value.....	\$507,067	\$276,179	(2)
Parlor—			
Number.....	260	(2)	(2)
Value.....	\$122,136	(2)	(2)
Automatic and electric—			
Number.....	2,278	(2)	(2)
Value.....	\$951,944	(2)	(2)
Player attachments and actions:			
Number.....	7,131	1,722	2,789
Value.....	\$530,044	\$163,014	\$828,405
Organs: ¹			
Number.....	729	747	275
Value.....	\$642,782	\$763,101	\$334,573
Perforated music rolls, value.....	\$188,783	\$843,247	(2)
Parts, materials, and supplies, value.....	\$14,513,345	\$3,719,201	\$7,026,856
All other products, value.....	\$1,353,514	\$797,769	\$1,468,030

¹ In addition, there were manufactured by establishments engaged primarily in some other industry, pianos, valued at \$89,142, organs valued at \$60,033, and materials valued at \$20,019.

² Not reported separately.

³ Includes concert grands and parlor reproducing.

⁴ Includes reed organs, orchestrions, and street and hand organs, in 1919; and reed organs, for 1914 and 1909.

Engines, steam, gas, and water (Table 49).—This table presents statistics showing the number, horsepower, and value of the various types of engines manufactured for the census years 1919 and 1914.

While there was a decrease of 424, or 3.8 per cent, in the number of engines built, there was an increase of 548,673, or 70.3 per cent, in the total indicated horsepower capacity, and an increase of \$22,964,264, or 261.2 per cent, in the total value of products.

TABLE 49.—ENGINES, STEAM, GAS, AND WATER: 1919 AND 1914.

PRODUCT.	Cen-	NUMBER BY INDICATED	Indi-	Value.									
		year.	sus	year.	10 but	under 50	50 but	under 100	100 but	under 500	500 but	under 1,000	1,000 and	over.
Total.....	1919	769	8,060	329	1,417	51	78	1,328,996	\$31,756,800				
	1914	4,768	5,251	598	395	53	65	780	323	8,792,536			
The engine industry.....	1919	639	7,802	247	1,283	50	65	1,261,601	29,822,286				
	1914	3,568	4,027	290	147	17	8	168,007	4,595,901				
Subsidiary products from other industries.....	1919	130	258	82	134	1	13	67,305	1,934,514				
	1914	1,200	624	306	248	36	57	612,316	4,193,635				
Steam engines.....	1919	123	498	80	143	7	78	763,187	3,932,885				
	1914	250	569	305	219	42	65	592,576	3,288,758				
Internal-combustion engines.....	1919	546	7,503	249	1,148	44	—	534,289	15,990,967				
	1914	4,366	4,556	273	176	11	—	181,763	3,812,799				
Automobile.....	1919	6,037	63	39	—	—	—	195,555	2,175,029				
	1914	1,500	2,685	—	—	—	—	88,515	405,080				
Marine.....	1919	380	1,296	133	137	20	—	90,656	3,959,305				
	1914	741	1,506	80	35	—	—	48,589	1,029,883				
Stationary.....	1919	166	170	36	365	24	—	71,378	4,767,412				
	1914	2,125	365	75	139	11	—	37,478	2,035,206				
Other.....	1919	—	—	17	807	—	—	176,700	5,098,221				
	1914	—	—	118	2	—	—	9,200	822,650				
Traction engines, not locomotives.....	1919	100	59	—	126	—	—	31,520	513,167				
	1914	143	126	18	—	—	—	5,894	204,406				
Other engines and parts.....	1919	—	—	—	—	—	—	—	5,308,247				
	1914	—	—	—	—	—	—	—	433,316				
Other foundry and machine-shop products.....	1919	—	—	—	—	—	—	—	8,884,787				
	1914	—	—	—	—	—	—	—	578,974				
All other products.....	1919	—	—	—	—	—	—	—	2,076,747				
	1914	—	—	—	—	—	—	—	434,289				

¹ Includes the group "1,000 and over."

Leather gloves and mittens (Table 50).—This table shows the number of pairs and value of the various kinds of leather gloves, mittens, and gauntlets, manufactured in New York state in 1919 and 1914.

TABLE 50.—LEATHER GLOVES AND MITTENS: 1919, 1914, AND 1909.

PRODUCT.	1919	1914	1909
Total value.....	\$26,763,200	\$12,845,284	\$14,336,365
Gloves, mittens, and gauntlets:			
Dozen pairs.....	1,450,101	1,578,840	1,850,438
Value.....	\$25,889,646	\$12,493,261	\$14,122,640
Men's and boys'.....	924,077	1,170,445	1,419,986
Dozen pairs.....	\$16,128,073	\$8,764,372	\$10,090,599
Unlined—			
Dozen pairs.....	592,508	755,566	853,819
Value.....	\$11,092,324	\$6,166,860	\$6,848,295
Lined—			
Dozen pairs.....	305,268	414,879	566,167
Value.....	\$4,825,179	\$2,598,008	\$3,224,304
Part leather and part fabric—			
Dozen pairs.....	26,301	(1)	(1)
Value.....	\$210,570	(1)	(1)
Women's and children's—			
Dozen pairs.....	526,024	408,395	420,452
Value.....	\$9,761,573	\$3,723,389	\$4,032,041
Unlined—			
Dozen pairs.....	403,087	309,021	287,941
Value.....	\$8,254,121	\$2,968,022	\$3,092,977
Lined—			
Dozen pairs.....	120,180	99,374	142,511
Value.....	\$1,487,926	\$759,767	\$939,064
Part leather and part fabric—			
Dozen pairs.....	2,757	(1)	(1)
Value.....	\$19,526	(1)	(1)
All other products, value.....	\$873,554	\$352,023	\$213,725

¹ Not reported separately.

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Notwithstanding the fact that New York's proportion of the total production for the United States was not as great in 1919 as it was in 1914, and there was a falling off in the number of dozen pairs reported of 128,739, or 8.2 per cent, the state still produced more leather gloves, mittens, and gauntlets than any other state, and as heretofore the center of the industry was Gloversville and Johnstown, in Fulton County.

The value of products more than doubled even though the output was less than in 1914. Each of the groups of men's and boy's gloves show a decrease in quantity and an increase in value, while women's and children's show an increase in both quantity and value.

Table 51 gives for 1919 a more detailed classification, showing for each class presented separately the total value of output and the number of pairs made from the different kinds of leather.

TABLE 51.—LEATHER GLOVES, MITTENS, AND GAUNTLETS, BY KIND OF LEATHER USED: 1919.

KIND.	Total.	Unlined.	Lined.	Part leather and part fabric.
Dress gloves, street gloves, mittens, and gauntlets:				
Dozen pairs, total.....	1,111,372	791,226	302,266	17,880
Men's and boys'.....	600,500	401,027	183,700	15,178
Women's and children's.....	510,872	389,590	118,566	2,707
Value.....	\$22,109,412	\$16,915,152	\$5,065,572	\$125,688
Men's and boys'.....	\$12,631,367	\$8,926,489	\$3,595,416	\$105,462
Women's and children's.....	\$0,478,045	\$7,988,663	\$1,470,160	\$10,226
Domestic lamb or sheep skin, dozen pairs.....	477,410	230,700	230,827	883
Men's and boys'.....	285,158	143,118	141,157	883
Women's and children's.....	192,261	96,591	95,070	.....
Imported lamb or sheep skin, dozen pairs.....	408,174	357,354	50,480	1,331
Men's and boys'.....	180,823	155,244	34,248	1,331
Women's and children's.....	218,351	202,110	16,241	.....
Mocha, dozen pairs.....	143,813	131,557	12,256	.....
Men's and boys'.....	74,632	68,031	5,601	.....
Women's and children's.....	69,181	52,526	2,065	.....
Goat or "real" kid, dozen pairs.....	30,734	30,640	188	.....
Men's and boys'.....	4,521	4,333	188	.....
Women's and children's.....	26,213	26,213	.....	.....
All other, dozen pairs.....	51,232	32,060	2,506	16,086
Men's and boys'.....	46,366	29,901	2,506	13,959
Women's and children's.....	4,866	2,159	.....	82,707
Working gloves, mittens, and gauntlets:				
Dozen pairs, total.....	338,729	204,369	123,182	11,178
Men's and boys'.....	293,577	190,881	121,568	11,123
Women's and children's.....	15,152	13,498	4,1,614	50
Value.....	\$3,780,234	\$2,431,293	\$1,247,533	\$101,408
Men's and boys'.....	\$3,496,708	\$2,168,835	\$1,229,763	\$101,108
Women's and children's.....	\$283,525	\$265,458	\$17,770	\$300
Sheepskin, dozen pairs.....	170,361	95,049	69,579	5,733
Men's and boys'.....	170,361	95,049	69,579	5,733
Women's and children's.....	.....	.....	.....	.....
Horsehide, cattle hide or calfskin, dozen pairs.....	110,381	63,008	47,373	.....
Men's and boys'.....	100,832	62,450	47,373	.....
Women's and children's.....	10,549	7,549	.....	.....
Deer or elk skin, dozen pairs.....	21,530	19,867	1,663	.....
Men's and boys'.....	21,530	19,867	1,663	.....
Women's and children's.....	.....	.....	.....	.....
All other, dozen pairs.....	34,843	26,445	2,953	5,445
Men's and boys'.....	21,854	13,506	2,953	5,395
Women's and children's.....	12,989	12,939	.....	50

¹ Includes "Mocha" gloves in order to avoid disclosure of individual operations.

² Includes "goat or 'real' kid," and "all other," to avoid disclosure of individual operations.

³ Includes "domestic" and "imported lamb and sheep skins," to avoid disclosure of individual operations.

⁴ Not shown in detail to avoid disclosure of individual operations.

⁵ Includes "sheepskin," and "deer or elk skin," to avoid disclosure of individual operations.

⁶ Includes "leather," "calfskin," and "other," to avoid disclosure of individual operations.

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TABLE 52.—CANNING AND PRESERVING: 1919, 1914, AND 1909—Continued.

PRODUCT.	1919	1914	1909
Canned vegetables—Continued.			
Asparagus—			
Cases.....	3,611	(1)	(1)
Value.....	\$35,956	(1)	(1)
All other—			
Cases.....	23,041	375,331	157,767
Value.....	\$106,678	\$728,594	\$380,000
Canned fruits:			
Cases.....	1,139,700	1,406,508	900,570
Value.....	\$6,632,546	\$8,037,410	\$2,182,455
Apples—			
Cases.....	482,140	781,921	429,180
Value.....	\$2,048,171	\$1,230,253	\$753,231
Raspberries—			
Cases.....	212,747	(1)	(1)
Value.....	\$1,659,835	(1)	(1)
Pears—			
Cases.....	159,971	75,344	51,686
Value.....	\$1,247,638	\$292,059	\$216,858
Strawberries—			
Cases.....	31,648	(1)	(1)
Value.....	\$319,246	(1)	(1)
Plums—			
Cases.....	85,298	68,600	52,853
Value.....	\$296,020	\$90,536	\$70,449
Peaches—			
Cases.....	43,671	7,589	41,727
Value.....	\$246,806	\$32,013	\$141,142
Cherries—			
Cases.....	29,231	202,575	90,445
Value.....	\$232,875	\$588,078	\$328,803
Blackberries—			
Cases.....	8,011	(1)	(1)
Value.....	\$65,286	(1)	(1)
All other—			
Cases.....	86,619	26,968	20,845
Value.....	\$517,669	\$109,932	\$74,842
Dried fruits, value—			
Apples—			
Pounds.....	13,454,019	37,220,053	33,652,115
Value.....	\$2,225,628	\$1,886,675	\$2,333,137
Apple chops—			
Pounds.....	3,004,278	(1)	(1)
Value.....	\$255,350	(1)	(1)
All other, value—			
Pounds.....	\$66,162	\$309,942	\$13,738
Fish, value—			
Smoked and dried—			
Pounds.....	6,892,647	7,218,761	4,180,092
Value.....	\$2,233,472	\$1,215,646	\$780,103
Salmon—			
Pounds.....	3,346,000	2,478,110	2,595,614
Value.....	\$1,173,400	\$442,243	\$486,910
Sturgeon—			
Pounds.....	556,171	430,150	498,297
Value.....	\$424,378	\$137,584	\$152,288
Herring—			
Pounds.....	500,725	1,391,906	335,800
Value.....	\$83,829	\$165,728	\$20,026
All other—			
Pounds.....	2,489,751	2,918,595	750,441
Value.....	\$571,865	\$470,091	\$111,881
Salted and pickled, value—			
Herring, value.....	\$326,530	\$190,191	\$323,820
All other, value—			
Herring, value.....	\$144,507	\$185,052	\$94,081
All other, value—			
Pickles, preserves, and sauces, value—			
All other products, including canned fish, value—			
Total value.....	\$24,129,093	\$9,675,193	\$6,091,348
	\$4,467,393	\$785,988	\$1,043,232

¹ Reported in "All other" in 1914 and 1909.

Agricultural implements (Table 53).—This table shows the value of the principal classes of agricultural implements manufactured in 1919, 1914, and 1909.

TABLE 53.—AGRICULTURAL IMPLEMENTS: 1919, 1914, AND 1909.

PRODUCT.	1919	1914	1909
Total value.....	\$20,421,368	\$14,576,604	\$14,970,980
Planters and seeders.....	460,159	463,999	247,357
Plows and cultivators.....	4,784,370	3,176,951	3,348,203
Harvesting implements:			
Hay rakes and hay todgers.....	944,617	456,966	
Mowers and reapers.....	6,902,447	5,943,306	5,950,777
Other.....	1,069,171	143,604	
Seed separators:			
Thrashers.....	234,961	413,361	790,494
Other.....	11,860	78,225	
All other agricultural implements, including parts.....	4,146,524	2,909,002	4,634,149
All other products, including repair work.....	1,807,259	991,220	

During the period 1914–1919, the total value of products increased \$5,844,674, or 40.1 per cent. Harvesting implements and plows and cultivators were the two most important groups in 1919, the former increasing in value by \$2,372,299, or 36.3 per cent, and the latter, showing an increase of \$1,607,419, or 50.6 per cent.

Laundries (Table 54).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 54, however, summarizes the statistics for such laundries in the state of New York for 1919 and 1914.

TABLE 54.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Per cent of increase, ¹ 1914–1919.
	1919	1914	
Number of establishments.....	535	614	-12.9
Persons engaged.....	13,757	15,459	-11.2
Proprietors and firm members.....	495	638	-22.4
Salaried employees.....	1,264	1,100	14.9
Wage earners (average number).....	11,998	13,751	-12.7
Primary horsepower.....	21,112	19,288	9.5
Capital.....	\$15,758,753	\$10,354,297	52.2
Salaries and wages.....	11,871,614	7,197,959	64.9
Salaries.....	2,271,163	1,135,867	99.9
Wages.....	9,600,451	6,062,032	59.4
Paid for contract work.....	120,272	14,506	729.1
Rent and taxes.....	720,186	475,968	51.3
Cost of materials.....	5,622,388	2,821,811	99.2
Amount received for work done.....	24,627,441	14,304,964	72.2

¹ A minus sign (–) denotes decrease.

Dyeing and cleaning (Table 55).—Statistics for dyeing and cleaning establishments that were operated by mechanical power in 1919 are presented in this table. Statistics for such establishments are not included in the general tables nor in the totals for manufacturing industries for censuses since 1900. This presentation is the first of its kind that has been made since the census statistics were confined to manufacturing industries as distinguished from the hand trades, household industries, etc.

TABLE 55.—DYEING AND CLEANING: 1919.

	Number or amount.
Number of establishments.....	159
Persons engaged.....	2,428
Proprietors and firm members.....	150
Salaried employees.....	485
Wage earners (average number).....	1,793
Primary horsepower.....	1,617
Capital.....	\$3,311,500
Salaries and wages.....	2,621,777
Salaries.....	650,964
Wages.....	1,964,813
Paid for contract work.....	112,299
Rent and taxes.....	204,233
Cost of materials.....	1,347,027
Amount received for work done.....	5,950,122

Custom sawmills and custom gristmills (Tables 56 and 57).—These tables show, for 1919 and 1909, a summary for custom sawmills and custom gristmills. Statistics for these custom mills are not included in the general tables nor in the totals for manufacturing industries.

MANUFACTURES—NEW YORK.

TABLE 56.—CUSTOM SAWMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase, ¹ 1909-1919.
	1919	1909	
Number of establishments.....	407	211	92.9
Persons engaged.....	603	452	32.5
Proprietors and firm members.....	489	243	101.2
Salaried employees.....	4	3	-----
Wage earners (average number).....	110	206	-46.6
Primary horsepower.....	12,129	6,599	83.8
Capital.....	\$687,749	\$423,786	62.3
Salaries and wages.....	83,332	76,613	8.8
Salaries.....	130	400	-67.5
Wages.....	83,202	76,213	9.2
Rent and taxes.....	7,629	(2)	-----
Cost of materials.....	43,342	7,090	511.3
Amount received for work done.....	290,016	207,624	39.7

¹ A minus sign (—) denotes decrease; percentages are omitted where base is less than 100.

² Figures not available.

TABLE 57.—CUSTOM GRISTMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase, ¹ 1909-1919.
	1919	1909	
Number of establishments.....	225	403	-44.2
Persons engaged.....	359	628	-42.8
Proprietors and firm members.....	207	462	-42.2
Salaried employees.....	6	4	-----
Wage earners (average number).....	86	162	-46.9
Primary horsepower.....	8,920	14,078	-36.6
Capital.....	\$1,515,530	\$1,278,100	18.6
Salaries and wages.....	100,585	69,104	45.6
Salaries.....	14,253	2,691	429.7
Wages.....	86,332	66,413	30.0
Rent and taxes.....	21,692	(2)	-----
Cost of materials.....	2,539,732	2,745,335	-7.5
Value of products ²	3,127,538	3,246,948	-3.7

¹ A minus sign (—) denotes decrease; percentages are omitted where base is less than 100.

² Figures not available.

³ Includes estimate of all grain ground.

GENERAL TABLES.

Table 58 gives, for 1919, 1914, and 1909, the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products, for selected industries in the state and in cities having 50,000 population or more; and for the cities having from 10,000 to 50,000 inhabitants, with the exception of Lackawanna, similar data for all industries combined.

Table 59 presents, for 1919, for the state as a whole and for cities with 50,000 inhabitants or more, statistics in detail for each industry for which figures can be shown without disclosing the operations of individual establishments, and the statistics for all industries combined for each of the cities in the state, with the exception of Lackawanna, having from 10,000 to 50,000 inhabitants.

TABLE 58.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909.

INDUSTRY.	Cen-sus-year.	Num-ber-of-es-tab-lish-ments	Wage-earners (ave-ge-num-ber).	Pri-mary-horse-power.	Wages.	Cost of ma-terials.	Value of prod-ucts.	INDUSTRY.		Cen-sus-year.	Num-ber-of-es-tab-lish-ments	Wage-earners (ave-ge-num-ber).	Pri-mary-horse-power.	Wages.	Cost of ma-terials.	Value of prod-ucts.
								Expressed in thousands of dollars.								

THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.

All industries.....	1919	49,330	1,228,130	2,936,530	1,458,207	4,943,214	8,867,005	Beltng and hose, woven and rubber.....	1919	8	1,340	3,403	1,290	5,316	7,642
	1914	48,203	1,057,857	2,356,655	631,012	12,108,607	3,814,661		1914	9	757	3,082	423	2,004	3,342
	1909	44,935	1,003,081	1,997,602	557,231	1,856,904	3,369,400		1909	5	317	1,047	138	876	1,284
Agricultural implements..	1910	40	4,626	12,730	5,312	9,910	20,421	Beltng, leather.....	1919	37	600	3,106	854	6,451	9,331
	1914	50	5,302	11,774	3,428	7,073	14,577		1914	35	546	3,312	387	3,140	4,892
	1909	57	5,717	10,744	3,270	6,415	14,971		1909	28	604	1,988	305	4,101	6,420
Artificial flowers and feathers and plumes.	1919	348	6,231	587	6,216	11,793	20,696	Blacking, and cleansing and polishing preparations.	1919	98	1,307	2,375	1,034	7,353	14,737
	1914	369	7,715	450	3,367	8,158	16,456		1914	98	784	713	367	2,124	4,774
	1909	319	8,493	215	3,432	12,258	21,162		1909	88	658	539	207	1,827	3,836
Artificial stone products..	1910	143	530	1,771	636	915	2,222	Bluing.....	1910	8	28	16	22	75	129
	1914	180	757	1,315	501	683	1,754		1914	9	25	16	10	34	80
	1909	176	711	1,122	390	523	1,357		1909	26	21,027	10,456	10,660	28,075	48,188
Artists' materials.....	1919	17	60	33	55	178	408	Boots and shoes, including cut stock and findings.	1919	435	35,763	23,892	40,059	113,156	108,228
	1914	10	22	9	11	44	93		1914	309	27,661	15,795	45,010	71,413	71,413
	1909	113	9,861	9,398	7,016	14,908	30,090		1909	56	1,531	1,180	650	1,120	2,234
Awnings, tents, and sails..	1919	192	984	510	1,151	4,992	8,403	Boxes, cigar.....	1919	31	933	1,004	780	1,170	2,031
	1914	208	995	401	652	1,551	3,121		1914	41	1,226	840	567	878	1,782
	1909	132	708	410	437	1,114	2,220		1909	56	1,531	1,180	650	1,120	2,234
Babbitt metal and solder..	1919	34	687	1,054	718	7,887	10,212	Boxes, paper and other, not elsewhere specified.	1919	189	14,500	12,060	12,703	22,725	53,104
	1914	26	225	256	163	4,348	5,329		1914	331	14,102	8,604	5,750	9,618	21,682
	1909	24	192	191	149	5,071	6,123		1909	315	11,538	4,677	4,261	6,113	14,234
Bags, other than paper, not including bags made in textile mills.	1919	56	1,568	1,789	1,083	21,254	26,822	Bread and other bakery products.	1919	3,897	28,541	29,141	35,801	137,170	233,207
	1914	30	1,362	871	550	7,608	8,062		1914	4,249	27,002	18,713	17,641	59,035	109,228
	1909	21	1,000	751	330	4,116	4,986		1909	3,978	21,357	10,310	13,881	52,738	86,233
Bags, paper, exclusive of those made in paper mills.	1919	23	1,280	901	1,150	10,052	14,072	Brick, tile, pottery, and other clay products. ¹	1919	136	5,153	22,390	5,530	3,368	13,705
	1914	17	1,271	870	656	5,111	6,754		1914	189	7,494	27,740	3,992	3,103	8,230
	1909	20	1,032	1,046	426	3,933	5,613		1909	244	10,447	32,773	5,254	2,592	11,836
Baskets, and rattan and willow ware.	1919	153	762	1,212	671	1,301	3,164	Brooms.....	1919	67	980	865	1,006	2,699	4,680
	1914	158	1,064	1,550	523	1,132	2,164		1914	60	1,078	752	463	1,201	2,214
	1909	169	1,287	1,882	583	820	1,047		1909	58	1,040	581	452	1,257	2,214

¹ Includes "sand-lime brick."

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TABLE 58.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

INDUSTRY.	Cen-	Num-	Wage	Pri-	Wages.	Cost of	Value of		INDUSTRY.	Cen-	Num-	Wage	Pri-	Wages.	Cost of	Value of	
year.	estab-	age	num-	horse-	als.)	ials.)	ucts.)		year.	estab-	age	num-	horse-	als.)	ials.)	ucts.)	
Expressed in thousands of dollars.																	

THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

Brushes.....	1919	120	1,799	1,403	1,670	4,130	8,984	Cooperage and wooden goods, not elsewhere specified.	1919	279	1,838	4,483	2,279	7,216	11,871
	1914	107	1,568	1,248	772	1,840	3,835		1914	356	2,326	3,959	1,385	4,791	7,350
	1909	113	1,857	1,049	873	1,923	4,076		1909	364	2,611	4,278	1,222	4,930	7,526
Butter, cheese, and condensed milk.....	1919	821	5,082	17,030	5,069	110,716	129,008	Copper, tin, and sheet-iron products. ²	1919	796	18,795	16,241	20,418	55,285	99,553
	1914	1,144	3,235	15,389	2,029	38,979	43,262		1914	791	16,040	14,668	9,801	24,373	44,822
	1909	1,552	2,866	16,629	1,607	36,161	42,458		1909	686	14,689	13,108	8,384	21,035	38,452
Buttons.....	1919	243	6,568	6,202	5,349	7,482	18,698	Cordage and twine.....	1919	20	3,918	16,267	3,683	17,606	27,644
	1914	224	5,223	4,449	2,251	3,224	7,821		1914	12	3,804	11,935	1,708	8,247	11,971
	1909	165	6,126	3,911	2,462	4,188	9,373	Cordials and flavoring sirups.	1919	37	497	560	424	6,381	9,336
Candles.....	1919	15	513	515	417	2,023	3,135		1914	40	433	437	211	1,916	2,871
	1914	10	357	240	103	932	1,499		1909	38	294	453	151	1,490	2,513
	1909	9	347	147	136	1,099	1,670	Cork, cutting.....	1919	35	1,208	1,532	1,104	3,077	5,500
Canning and preserving ¹	1919	637	7,656	19,768	5,846	35,128	54,558		1914	30	1,014	863	1,409	1,385	2,258
	1914	987	8,757	16,630	3,801	15,057	25,945		1909	32	835	692	313	1,170	1,817
	1909	790	7,075	12,469	2,563	11,669	19,040	Corsets.....	1919	74	3,882	923	2,844	8,552	18,604
Card cutting and designing.....	1919	28	406	273	361	803	1,576		1914	60	2,879	769	1,215	2,019	6,394
	1914	18	162	82	81	123	315		1909	47	2,436	523	1,008	2,484	5,161
Carpets and rugs, other than rag.....	1919	10	9,073	15,281	10,083	23,439	48,718	Cotton goods, including cotton small wares. ³	1919	58	10,493	49,901	9,918	31,312	55,287
	1914	14	12,540	16,097	5,667	15,778	26,076		1914	51	9,127	38,922	4,240	11,653	18,465
	1909	16	11,898	11,901	5,870	13,315	26,606		1909	47	10,663	33,354	4,166	11,726	20,352
Carpets, rag.....	1919	33	174	277	140	114	474	Cutlery and tools, not elsewhere specified.	1919	250	7,471	12,470	7,875	8,104	24,870
	1914	45	202	250	91	46	268		1914	150	4,857	9,028	2,839	7,505	6,218
Carriages and sleds, children's.....	1919	28	622	1,063	671	1,416	2,749	Dairymen's poultrymen's, and apiarists' supplies.	1919	34	2,450	3,938	2,906	6,524	14,700
	1914	30	458	576	265	403	532		1914	33	2,046	4,451	1,279	3,297	6,760
	1909	16	281	455	144	316	532		1909	31	802	1,214	449	1,285	4,213
Carriages and wagons and materials.....	1919	274	1,169	3,436	1,240	2,302	5,095	Dental goods.....	1919	94	843	825	861	5,689	7,736
	1914	604	3,911	8,530	2,711	3,577	8,759		1914	40	866	1,088	564	5,200	7,143
	1909	610	6,116	10,200	3,740	5,809	13,293		1909	15	266	221	147	4,577	5,114
Cars and general shop construction and repairs by electric-railroad companies.....	1919	53	5,056	7,276	7,231	6,303	14,369	Drug grinding.....	1919	9	345	903	273	1,818	3,069
	1914	61	4,921	10,584	3,468	4,066	8,204		1914	11	369	944	154	799	1,355
	1909	62	4,480	4,367	2,832	3,180	6,640		1909	9	336	927	143	447	884
Cars and general shop construction and repairs by steam-railroad companies.....	1919	136	30,427	48,136	43,955	33,791	82,791	Dyeing and finishing textiles, exclusive of that done in textile mills.	1919	133	6,076	17,150	6,167	24,178	44,694
	1914	107	20,234	30,825	14,367	14,334	30,893		1914	99	5,514	13,497	2,925	10,482	16,303
	1909	69	10,454	21,423	9,802	10,088	21,728		1909	81	5,252	8,750	2,321	4,139	9,673
Cement.....	1919	11	1,574	37,236	2,087	3,759	9,243	Dyestuffs and extracts—natural.	1919	27	593	3,615	755	5,933	9,561
	1914	12	2,283	33,303	1,610	3,507	6,810		1914	23	647	3,576	450	3,885	6,226
	1909	15	1,443	24,385	810	800	2,409		1909	18	418	3,647	260	2,867	4,505
Chemicals.....	1919	88	9,087	50,043	13,149	50,871	88,102	Electrical machinery, apparatus, and supplies.	1919	255	37,508	136,321	45,722	73,839	178,973
	1914	70	7,780	131,928	5,380	26,252	42,877		1914	215	23,738	71,453	16,187	38,025	73,945
	1909	74	5,746	116,197	3,378	19,709	35,346		1909	217	18,972	53,813	12,479	27,483	49,290
Chewing gum.....	1919	15	1,007	1,715	805	7,570	14,497	Electroplating.....	1919	133	681	1,486	801	453	2,174
	1914	19	482	619	196	1,740	3,964		1914	129	600	989	400	196	1,008
China decorating, not including that done in potteries.....	1919	9	44	18	55	80	174		1909	130	652	842	421	242	1,116
	1914	15	109	9	59	175	316	Enameling.....	1919	16	75	44	77	53	220
Chocolate and cocoa products.....	1919	14	2,311	10,335	2,064	22,740	30,863		1914	15	63	34	26	23	86
	1914	13	810	4,482	380	5,368	7,412		1914	4	26	26	26	254	322
	1909	10	755	2,930	294	4,167	5,823		1914	4	18	83	11	111	154
Clocks.....	1919	10	898	1,056	716	719	2,320	Engraving and diesinking.	1919	181	511	390	666	382	1,982
	1914	14	1,473	1,476	807	1,118	3,310		1914	191	433	314	328	153	982
Cloth, sponging and re-finishing.....	1919	39	819	462	1,183	86	2,870		1909	83	362	194	242	84	683
	1914	23	467	272	368	33	874		1914	15	31	7	38	6	132
	1909	25	604	329	417	60	1,030	Engraving, wood.....	1919	24	58	6	38	33	106
Clothing, horse.....	1919	6	33	13	33	212	308		1914	21	1,144	910	878	2,582	5,283
	1914	7	50	31	30	167	262		1914	15	215	845	610	1,223	2,547
Clothing, men's, including shirts.....	1919	2,871	74,144	14,911	94,383	339,012	641,906	Fancy articles, not elsewhere specified. ⁴	1919	370	6,357	1,809	6,035	17,001	32,120
	1914	2,627	81,370	16,021	41,666	117,131	238,627		1914	278	3,576	1,967	1,701	4,556	9,046
	1909	2,983	91,363	13,321	48,073	135,327	280,075		1909	182	3,430	2,785	1,644	3,321	7,862
Clothing, men's, button-holes.....	1919	59	251	108	309	70	661	Files.....	1919	6	192	593	215	184	550
	1914	84	361	138	173	40	330		1914	7	186	510	97	54	203
Clothing, women's.....	1919	5,288	102,652	17,766	137,073	493,428	886,954	Fire extinguishers, chemical.	1919	12	533	447	567	2,076	4,362
	1914	3,835	103,398	16,523	64,128	183,680	345,316		1914	9	162	120	140	405	948
	1909	3,083	98,104	12,379	54,841	148,142	272,518		1909	9	58	51	37	103	269
Coffee and spice, roasting and grinding.....	1919	111	1,959	5,773	1,850	50,269	57,123	Flags, banners, regalia, society badges, and emblems.	1919	53	599	206	548	2,081	3,394
	1914	136	1,690	5,207	947	25,561	31,075		1914	66	744	194	367	802	2,037
	1909	90	1,619	4,064	726	12,654	17,430		1909	64	813	266	354	802	1,864
Coffins, burial cases, and undertakers' goods.....	1919	39	1,041	2,931	1,696	4,29									

MANUFACTURES—NEW YORK.

TABLE 58.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

INDUSTRY.	Cen-sus year.	Num-ber of estab-lish-ments	Wage earners (aver-age num-ber).	Pri-mary horse-power.	Wages.	Cost of mate-rials.	Value of prod-ucts.	INDUSTRY.	Cen-sus year.	Num-ber of estab-lish-ments	Wage earners (aver-age num-ber).	Pri-mary horse-power.	Wages.	Cost of mate-rials.	Value of prod-ucts.
Expressed in thousands of dollars.								Expressed in thousands of dollars.							

THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

Food preparations, not elsewhere specified.	1919	372	4,546	19,164	4,854	52,170	77,336	Ice, manufactured.....	1919	132	2,138	54,531	3,000	3,878	13,309
	1914	287	4,031	9,204	2,132	20,451	32,166		1914	111	1,407	37,746	1,176	4,897	4,897
	1909	177	3,023	6,061	1,332	9,660	17,324		1909	89	1,124	21,375	835	1,044	3,808
Foundry and machine-shop products. ¹	1919	2,981	88,901	159,509	112,523	157,086	403,159	Ink, printing.....	1919	38	687	4,033	905	5,731	11,076
	1914	3,093	66,690	121,554	47,032	68,562	173,430		1914	26	489	3,003	404	2,645	6,170
	1909	1,872	64,066	102,437	40,602	61,321	154,370		1909	29	526	2,301	370	1,878	4,059
Foundry supplies.....	1919	11	74	692	59	253	544	Ink, writing.....	1919	15	231	115	217	862	1,744
	1914	8	27	304	15	81	133		1914	13	164	174	89	306	892
	1909	9	244	1,102	5,704	24,140	41,301		1909	9	147	58	62	281	745
Fur goods.....	1919	1,218	8,890	3,375	18,210	83,819	134,219	Instruments, professional and scientific.	1919	132	5,407	4,232	6,206	6,418	21,165
	1914	877	5,904	1,345	4,343	16,822	30,312		1914	88	2,243	1,081	1,457	1,640	5,368
	1909	863	8,244	1,102	5,704	21,576	41,301		1909	87	1,064	1,899	1,146	975	3,308
Furnishing goods, men's. ²	1919	367	18,119	6,290	14,210	59,335	110,368	Iron and steel, blast furnaces.	1919	9	2,210	146,500	4,020	40,311	51,002
	1914	346	17,405	4,756	8,081	22,890	45,886		1914	8	1,832	97,749	1,325	16,287	18,496
	1909	375	18,186	3,284	7,750	21,576	42,197		1909	9	2,298	95,416	1,768	20,917	20,621
Furniture and refrigerators.	1919	707	22,693	37,872	25,788	46,910	103,416	Iron and steel, steel works and rolling mills.	1919	30	17,901	242,352	28,837	54,810	100,563
	1914	758	22,153	32,902	13,711	22,089	49,849		1914	24	10,788	149,462	7,664	18,217	32,078
	1909	676	20,281	28,260	11,669	19,156	41,929		1909	25	10,001	136,456	6,323	25,889	39,532
Furs, dressed.....	1919	83	2,521	2,716	4,032	3,899	11,888	Iron and steel, doors and shutters.	1919	31	909	1,852	1,338	1,623	4,029
	1914	52	974	1,234	596	604	1,945		1914	15	906	1,302	635	1,875	1,832
	1909	52	755	1,172	517	272	1,240		1909	11	847	920	438	500	1,332
Galvanizing.....	1919	6	110	155	131	251	672	Iron and steel forgings, not made in steel works or rolling mills.	1919	30	4,081	18,155	7,082	11,417	23,514
	1914	6	90	175	61	183	305		1914	24	1,464	6,253	1,087	1,280	3,571
	1909	6	61	108	4,364	15,198	42,347		1909	22	1,006	4,169	773	1,018	2,501
Gas and electric fixtures and lamps and reflectors	1919	162	4,002	3,833	5,171	8,283	18,070	Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills.	1919	6	141	477	180	517	1,023
	1914	183	4,501	3,490	2,833	5,138	11,247		1914	7	124	533	76	202	361
	1909	183	6,017	3,831	3,456	5,412	13,010								
Gas, illuminating and heating.	1919	96	8,400	54,291	10,898	41,170	69,330	Jewelry.....	1919	717	5,511	2,874	8,867	39,005	67,401
	1914	131	10,090	44,637	5,027	21,560	52,816		1914	506	5,051	2,146	3,872	11,102	21,810
	1909	141	6,422	30,080	4,364	15,198	42,347		1900	479	5,370	1,696	3,820	10,433	20,363
Glass.....	1919	19	3,929	4,803	5,004	4,045	12,996	Japanning.....	1919	5	36	28	31	23	104
	1914	22	3,089	2,415	2,158	1,685	5,157		1914	10	66	66	44	37	127
	1909	24	3,114	1,774	1,806	1,159	4,509								
Glass, cutting, staining, and ornamenting.	1919	175	1,822	912	1,072	3,574	7,952	Jewelry.....	1919	717	5,511	2,874	8,867	39,005	67,401
	1914	182	2,148	1,250	1,325	1,648	4,302		1914	506	5,051	2,146	3,872	11,102	21,810
	1909	156	3,118	957	1,841	1,698	4,847		1900	479	5,370	1,696	3,820	10,433	20,363
Gloves and mittens, leather.	1919	210	5,510	1,462	4,388	14,567	26,703	Jewelry and instrument cases.	1919	84	1,475	426	1,230	2,080	5,010
	1914	216	6,026	1,098	2,697	7,080	12,845		1914	74	2,115	624	568	1,934	1,781
	1909	225	6,287	1,003	2,841	8,023	14,336		1909	67	1,172	214	519	778	1,781
Glue, not elsewhere specified.	1919	9	369	2,005	407	2,381	4,185	Knit goods.....	1919	682	41,372	48,200	34,001	114,066	195,377
	1914	9	381	2,082	249	1,042	2,483		1914	483	40,095	41,127	17,814	43,860	78,229
	1909	11	501	2,915	242	1,386	2,095		1900	360	35,050	35,882	14,330	38,677	67,130
Gold and silver, leaf and foil.	1919	41	240	130	270	1,219	1,790	Labels and tags.....	1919	42	1,304	1,084	1,358	3,300	7,165
	1914	38	245	77	125	440	704		1914	35	649	501	398	801	1,967
	1909	41	437	81	235	512	919		1914	25	593	237	311	530	1,392
Gold and silver, reducing and refining, not from the ore.	1919	15	58	222	95	4,884	5,512	Lapidary work.....	1919	71	823	477	2,444	17,777	27,032
	1914	13	39	160	36	2,104	2,700		1914	45	462	452	550	3,502	4,704
	1909	10	42	97	34	2,300	2,003		1900	43	400	502	701	3,310	8,660
Grease and tallow, not including lubricating greases.	1919	36	843	2,556	1,002	5,882	7,844	Lasts.....	1919	10	442	1,064	541	928	2,147
	1914	41	1,027	4,070	812	3,821	5,518		1914	15	403	1,302	302	288	980
	1909	63	369	113	218	211	717		1900	14	360	610	243	253	787
Hair work.....	1919	94	620	24	711	2,829	5,100	Lead, bar, pipe, and sheet.	1919	6	100	497	108	1,733	2,164
	1914	90	635	27	200	1,033	2,023		1914	6	174	503	131	1,031	1,301
	1909	132	2,313	4	1,061	4,500	7,861		1909	0	185	1,247	120	1,721	2,069
Hand stamps and stencils and brands.	1919	61	508	310	552	954	2,486	Leather goods ³	1919	586	8,425	2,206	10,702	31,050	50,841
	1914	68	320	168	218	252	830		1914	605	7,473	2,310	4,200	12,008	21,797
	1909	63	369	113	218	211	717		1900	483	7,586	1,830	4,089	11,032	20,997
Hat and cap materials....	1919	86	1,731	2,162	1,045	10,689	16,731	Leather, tanned, curried, and finished.	1919	94	7,056	20,134	8,420	70,487	98,095
	1914	57	913	986	1,451	2,652	3,715		1914	98	5,300	20,030	2,955	27,912	36,018
	1909	32	965	713	424	2,775	3,835		1900	100	5,688	14,265	2,912	20,941	27,642
Hats and caps, other than felt, straw, and wool.	1919	340	3,514	781	4,864	11,969	22,028	Limo.....	1919	16	335	2,386	317	301	832
	1914	293	4,187	720	2,043	5,323	10,946		1914	23	310	720	140	189	680
	1909	244	3,348	413	3,875	3,875	7,826		1900	33	465	781	230	176	680
Hats, fur-felt.....	1919	42	4,088	3,200	4,681	10,790	19,888	Liquors, malt.....	1919	101	6,814	50,554	8,872	20,952	99,497
	1914	39	3,563	2,388	1,854	3,491	6,637		1914	153	9,826	65,302	8,742	24,405	85,673
	1909	44	5,013	1,451	2,725	5,406	10,219		1900	184	8,731	40,729	7,204	18,883	77,720
Hats, straw.....	1919	79	2,593	811	2,904	7,847	13,912	Liquors, vinous.....	1919	20	370	753	390	3,045	7,678
	1914	76	3,158	1,111	1,857	5,899	10,182		1914	42</td					

MANUFACTURES—NEW YORK.

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TABLE 58.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

INDUSTRY.	Cen-	Num-	Wage	Pri-	Wages.	Cost of	Value of		INDUSTRY.	Cen-	Num-	Wage	Pri-	Wages.	Cost of	Value of	
		estab-	(aver-	power.		thous-and	dollars.			estab-	(aver-	mar-	horse-		thous-and	dollars.	
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.																	
Lumber and timber products. ¹	1919	1,543	16,831	100,125	17,896	44,434	83,116	Photo-engraving.....	1919	97	2,405	890	3,748	1,643	10,191		
	1914	1,776	21,503	115,003	12,832	32,930	59,748		1914	89	1,710	630	1,810	1,912	4,256		
	1909	2,263	27,471	131,402	15,101	41,705	72,530		1909	68	1,395	470	1,351	555	2,908		
Malt.....	1919	10	336	6,824	448	6,808	8,493	Photographic apparatus and materials.....	1919	70	13,311	24,719	17,104	37,271	95,462		
	1914	25	533	7,403	503	10,386	12,381		1914	59	7,426	14,636	4,762	9,804	35,174		
	1909	32	524	5,659	401	8,872	11,051		1909	42	4,088	6,782	2,435	4,967	18,764		
Marble and stone work.....	1919	436	2,640	11,700	3,796	5,980	13,509	Pipes, tobacco.....	1919	31	1,839	1,145	2,001	2,046	9,449		
	1914	551	4,798	13,403	4,141	5,029	13,324		1914	20	1,492	696	776	1,597	2,689		
	1909	655	10,939	18,110	5,036	7,076	17,921		1909	30	1,663	803	757	1,432	3,212		
Mattresses and spring beds, not elsewhere specified.	1919	224	1,636	2,170	2,147	7,897	13,473	Printing and publishing ^a	1919	4,831	67,401	73,421	85,357	152,528	478,898		
	1914	196	1,996	1,825	1,192	3,851	6,497		1914	4,808	61,020	66,802	49,008	68,915	257,269		
	1909	168	1,621	1,581	922	3,461	5,899		1909	4,426	63,120	53,973	43,559	56,494	216,946		
Millinery and lace goods, not elsewhere specified.	1919	1,800	28,096	5,382	31,564	87,125	105,718	Printing materials.....	1919	18	179	237	198	476	1,254		
	1914	1,308	26,124	6,756	12,890	37,255	72,329		1914	21	160	232	134	285	697		
	1909	931	21,078	3,511	9,626	27,135	52,106										
Mineral and soda waters.....	1919	430	1,707	2,600	1,774	6,230	11,881	Pulp goods.....	1919	9	756	2,575	968	4,706	8,415		
	1914	612	2,597	3,037	1,609	3,920	9,039		1914	7	347	1,669	181	547	966		
	1909	594	2,462	2,820	1,453	2,652	7,441										
Minerals and earths, ground or otherwise treated.	1919	33	1,142	13,286	1,332	2,536	5,646	Pumps, not including power pumps.....	1919	25	495	586	484	1,155	2,384		
	1914	23	411	6,259	259	437	1,075		1914	19	315	603	184	349	693		
	1909	18	260	5,815	110	246	738		1909	22	403	719	228	296	817		
Mirrors, framed and unframed, not elsewhere specified.	1919	57	840	1,117	1,111	4,342	7,393	Roofing materials.....	1919	18	483	2,576	582	3,074	5,070		
	1914	55	1,012	1,189	634	1,840	3,167		1914	21	348	650	246	1,090	1,852		
	1909	47	983	1,145	630	1,999	3,262		1909	7	183	623	101	837	1,429		
Models and patterns, not including paper patterns.	1919	146	1,209	1,221	1,633	1,713	5,138	Rubber tires, tubes, and rubber goods, not elsewhere specified.	1919	40	5,370	21,778	5,963	16,933	33,033		
	1914	140	1,193	1,152	753	924	3,073		1914	45	3,633	11,915	1,887	4,686	10,228		
	1909	136	1,082	910	736	620	2,461		1909	53	2,066	6,898	1,058	5,659	8,784		
Motorcycles, bicycles, and parts.	1919	7	674	1,017	856	1,515	2,865	Salt.....	1919	16	1,728	7,219	1,784	3,911	9,090		
	1914	16	653	901	454	840	1,650		1914	26	1,510	6,540	816	1,365	3,554		
	1909	20	558	406	345	522	1,165		1909	33	1,525	9,023	765	1,195	2,897		
Mucilage, paste, and other adhesives, not elsewhere specified.	1919	25	289	983	344	2,522	3,923	Saws.....	1919	17	316	1,070	326	825	2,561		
	1914	26	300	759	160	1,044	1,874		1914	16	228	947	148	283	691		
	1909	21	197	646	112	747	1,334		1909	15	379	1,058	209	455	974		
Musical instruments and materials, not specified.	1919	67	352	261	380	678	2,060	Scales and balances.....	1919	13	518	279	558	872	2,171		
	1914	61	227	192	136	185	636		1914	13	516	627	309	339	1,000		
	1909	52	272	176	154	211	570		1909	16	453	585	284	420	1,180		
Musical instruments, pianos and organs and materials.	1919	131	11,317	12,589	12,368	28,635	52,231	Screws, machine.....	1919	8	144	283	148	174	467		
	1914	160	12,602	11,527	9,976	15,756	33,072		1914	6	113	260	66	70	199		
	1909	184	11,938	10,905	7,752	17,495	33,680										
Needles, pins, and hooks and eyes.	1919	19	497	620	420	648	1,604	Sewing machines and attachments.....	1919	13	850	254	412	231	1,104		
	1914	6	230	157	92	102	307		1914	15	154	160	110	78	344		
Oil, linseed.....	1919	6	582	5,951	888	29,337	35,505										
	1914	6	538	5,147	378	14,121	16,687	Shipbuilding, including boat building.....	1919	161	33,295	52,767	53,061	41,555	132,012		
	1909	6	560	4,845	338	12,028	15,392		1914	207	6,078	17,664	4,971	5,178	14,195		
Oil, not elsewhere specified.	1919	37	314	2,908	381	5,744	8,082		1909	255	5,644	13,835	3,780	3,925	11,417		
	1914	37	180	693	106	1,942	2,665	Show cases.....	1919	21	193	284	220	405	845		
	1909	31	137	338	105	1,851	2,983		1914	21	339	427	197	328	759		
Optical goods.....	1919	101	6,130	8,165	6,745	5,215	20,099		1909	21	415	516	232	406	900		
	1914	70	2,988	2,880	1,824	1,712	5,692	Signs and advertising novelties.....	1919	172	2,172	1,737	2,145	3,413	8,442		
	1909	51	2,047	1,896	1,323	1,225	3,986		1914	272	2,392	1,505	1,479	2,015	5,662		
Paint and varnish.....	1919	148	3,872	13,838	4,119	39,618	66,244		1909	67	811	389	407	660	1,772		
	1914	150	3,450	14,648	2,282	13,592	31,884	Silk goods.....	1919	181	13,342	25,232	11,758	46,391	81,683		
	1909	147	3,047	10,857	1,863	17,895	23,559		1914	143	11,659	14,707	4,967	16,738	29,261		
Paper and wood pulp.....	1919	156	17,571	415,306	22,114	76,054	120,381		1909	170	12,903	11,110	5,835	13,949	26,519		
	1914	150	13,570	392,268	8,577	35,930	56,336	Silverware and plated ware.....	1919	56	3,921	5,247	5,314	8,060	19,591		
	1909	178	12,073	337,545	6,744	31,767	48,800		1914	59	2,989	4,027	1,825	2,736	6,875		
Paper goods, not elsewhere specified.	1919	95	4,017	8,334	3,081	16,077	26,877		1909	53	3,065	2,819	1,899	3,559	7,859		
	1914	95	3,364	6,841	1,674	7,164	12,648	Slaughtering and meat packing. ⁴	1919	287	7,159	20,972	9,701	237,560	265,726		
Paper patterns.....	1919	15	387	62	362	282	1,462		1914	337	6,641	17,753	4,914	130,218	148,166		
	1914	13	856	157	455	446	1,997		1909	238	6,110	13,936	4,387	110,168	127,130		
	1909	16	761	680	328	523	2,166										
Patent medicines and compounds and druggists' preparations. ²	1919	680	9,218	8,975	7,180	45,437	101,457	Smelting and refining, not from the ore.	1919	11	186	418	238	12,678	14,762		
	1914	808	5,099	5,549	2,977	16,912	41,706		1914	17	316	746	213	8,983	10,261		
	1909	743	4,728	5,423	2,226	12,589	37,343		1909	15	284	1,595	191	8,267	9,018		
Paving materials.....	1919	61	1,864	26,232	2,248	1,881	5,619	Soap.....	1919	56	4,150	8,142	4,310	37,784	50,844		
	1914	51	2,414	17,560	1,324	1,436	3,065		1914	65	3,168	8,744	1,785	19,869	27,526		
	1909	8	259	1,332	175	545	1,										

MANUFACTURES—NEW YORK.

TABLE 58.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

INDUSTRY.	Cen-	Num-	Wage	Pri-	Wages	Cost of	Value of		INDUSTRY.	Cen-	Num-	Wage	Pri-	Wages	Cost of	Value of	
year.	estab-	lish-	num-	horse-	power.	ri-	ucts.	Expressed in thousands	year.	estab-	lish-	num-	horse-	power.	ri-	ucts.	Expressed in thousands
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.																	
Stationery goods, not elsewhere specified.	1919	77	2,354	1,250	2,119	7,070	12,948	Vinegar and cider.....	1919	160	488	4,429	531	4,959	7,228		
	1914	61	1,712	693	798	2,617	4,600		1914	180	362	5,002	206	1,040	1,789		
	1909	55	1,243	1,307	636	1,610	3,344		1909	277	529	5,719	234	1,480	2,246		
Statuary and art goods...	1919	59	293	209	363	285	1,030	Wall paper, not made in paper mills.	1919	14	1,542	2,482	1,267	3,822	7,038		
	1914	63	734	291	616	354	1,552		1914	11	1,513	1,763	844	2,182	4,577		
	1909	58	417	84	400	223	990		1909	13	1,602	1,596	806	2,474	5,277		
Steam packing.....	1919	33	770	1,449	822	4,251	6,650	Wall plaster and composition flooring.	1919	35	1,205	6,776	1,304	2,462	5,855		
	1914	33	662	2,162	425	1,591	2,612		1914	29	1,628	9,502	993	3,177	5,247		
	1909	36	901	1,804	464	1,971	3,783		1909	31	1,337	7,356	775	2,425	4,494		
Stereotyping and electro-typing.	1919	47	1,048	2,635	1,534	1,477	4,922	Washing machines and clothes wringers.	1919	8	429	458	447	1,725	3,237		
	1914	51	1,097	1,813	1,068	801	2,781		1914	8	100	397	72	105	433		
	1909	47	905	1,414	852	626	2,228										
Stoves and hot-air furnaces, including gas and oil stoves.	1919	40	2,846	3,843	3,473	4,166	11,254	Watch and clock materials, except watchcases.	1919	7	105	33	67	160	332		
	1914	47	3,051	4,365	2,146	2,253	6,603		1914	5	7	6	4	11	27		
	1909	58	4,247	6,273	2,746	3,542	8,974	Watchcases.....	1919	18	834	575	1,024	2,606	5,947		
									1914	13	756	233	438	1,101	2,124		
Sugar, refining, not including beet sugar.	1919	5	6,289	15,934	8,330	245,200	268,318	Whips.....	1919	6	31	81	24	43	115		
	1914	5	4,899	16,017	3,215	114,307	124,941		1914	5	33	76	15	26	66		
Surgical appliances and artificial limbs.	1919	98	1,751	1,502	1,849	5,344	10,563	Window shades and fixtures.	1919	75	1,020	2,795	821	3,267	5,097		
	1914	93	530	346	309	755	1,959		1914	100	1,006	1,767	529	3,579	5,009		
	1909	72	464	240	276	507	1,490		1909	75	911	1,555	435	3,946	5,476		
Tobacco manufactures....	1919	2,233	21,285	4,534	18,355	70,570	165,703	Wirework, including wire rope and cable, not elsewhere specified.	1919	116	1,854	3,800	2,055	4,925	9,992		
	1914	2,871	30,489	3,088	14,132	37,971	88,030		1914	100	1,400	1,710	698	1,668	3,394		
	1909	3,371	30,019	2,057	13,666	31,341	76,662		1909	106	1,649	2,402	813	3,785	5,875		
Toys and games.....	1919	192	8,625	1,791	3,721	0,824	14,685	Wood, turned and carved.	1919	132	743	2,802	797	983	2,664		
	1914	97	1,883	996	820	1,726	3,713		1914	130	706	2,548	302	476	1,305		
	1909	67	1,197	451	457	1,847	1,849		1909	150	1,270	3,223	729	910	2,422		
Typewriters and supplies.	1919	36	5,400	4,948	5,701	7,252	20,985	Wool shoddy.....	1910	14	380	3,213	354	1,914	3,058		
	1914	61	4,446	4,491	2,903	2,460	12,252		1914	11	283	1,891	145	768	1,110		
	1909	43	4,538	2,757	3,020	1,881	10,208		1909	14	223	1,982	106	624	889		
Umbrellas and canes....	1919	125	927	571	1,129	7,315	11,096	Woolen, worsted, and felt goods, and wool hats.	1919	58	9,727	29,158	9,010	32,055	51,684		
	1914	146	1,567	365	841	3,673	6,961		1914	51	8,552	22,923	4,170	12,004	21,988		
	1909	142	1,919	507	907	4,131	6,427		1909	64	9,460	22,374	4,145	14,744	23,730		
Vault lights and ventilators.	1919	13	94	49	125	180	480	All other industries.....	1919	305	50,798	178,028	61,541	254,142	415,885		
	1914	14	245	124	158	290	643		1914	322	30,845	91,370	19,615	144,069	195,000		
	1909	14	141	49	110	109	328		1909	1,125	50,183	120,826	28,019	263,084	358,377		

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.

ALBANY.....	1919	382	11,216	15,755	10,872	21,483	45,455	ALBANY—Con-	1919	71	1,483	1,386	1,521	1,865	5,250		
All industries.	1914	476	9,371	10,420	5,635	11,400	25,211	Printing and publishing ^a .	1914	70	1,465	1,238	1,000	1,065	3,389		
	1909	395	9,861	13,629	5,234	10,521	22,826		1909	64	1,635	1,324	957	1,274	3,249		
Automobile bodies and parts.	1919	4	98	68	84	98	241	All other industries.....	1919	173	7,036	10,097	7,258	14,855	20,416		
	1914	5	110	83	74	117	285		1914	209	4,782	10,764	2,827	7,268	13,445		
Bread and other bakery products.	1919	49	400	331	387	1,881	2,926		1909	204	5,928	10,653	3,042	7,010	13,121		
	1914	67	355	215	230	810	1,439										
	1909	69	289	143	169	735	1,210	BINGHAMTON.....	1919	228	7,477	9,928	6,457	21,884	40,638		
Brick.....	1919	3	25	105	20	8	48	All industries.	1914	245	7,248	8,168	3,653	10,384	18,360		
	1914	4	82	242	39	13	95		1900	266	6,823	7,741	3,084	8,726	17,114		
Clothing, men's, including shirts.	1919	14	1,266	284	532	343	1,175	Bread and other bakery products.	1919	23	156	163	150	877	1,380		
	1914	28	1,347	247	507	268	977		1914	18	136	89	88	343	568		
	1909	13	991	256	331	233	668	Confectionery and ice cream.	1919	8	72	288	63	368	562		
Confectionery and ice cream.	1919	9	125	620	116	510	835		1914	8	51	192	25	164	246		
	1914	13	109	412	52	201	401	Copper, tin, and sheet-iron work.	1919	5	26	48	31	61	132		
Copper, tin, and sheet-iron work.	1919	5	20	28	26	35	72		1914	4	25	17	30	62			
	1914	7	41	24	29	37	91	Foundry and machine-shop products.	1919	8	625	920	670	1,216	2,572		
Food preparations, not elsewhere specified.	1910	8	27	52	22	226	313	Furniture, wood, other than rattan and willow.	1914	7	283	657	102	195	414		
	1914	7	20	38	12	67	103		1919	8	460	894	484	908	2,051		
Foundry and machine-shop products. ¹	1919	22	479	1,038	574	770	2,103	Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	5	136	897	150	457	753		
	1914	27	636	636	448	722	1,406	Mineral and carbonated waters.	1914	4	9	10	9	23	44		
	1909	18	636	809	396	539	1,354		1914	4	21	19	15	39	77		
Liquors, malt.....	1919	5	187	1,543	244	718	2,712		1914	12	66	8	38	171	746		
	1914	7	312	2,363	329	742	3,181	Patent medicines and compounds.	1919	10	73	150	70	450	1,575		
	1909	8	306	2,328	292	633	3,056		1914	12	66	8	38	171	746		
Marble and stone work, except slate.	1919	6	26	82	30	87	156										
	1914	9	39	110	32	42	119	Printing and publishing, book and job.	1919	19	125	148	152	63	428		
	1909	8	33	68	23	32	86		1914	18	152	158	105	56	276		
Mineral and carbonated waters.	1919	6	21	20	20	63	100	Silk goods.....	1919	5	330	304	297	1,329	2,258		
	1914	8	38	25	27	35	104		1914	4	314	291	133	4			

MANUFACTURES—NEW YORK.

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TABLE 58.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

INDUSTRY.	Cen-	Num-	Wage	Pri-	Wages.	Cost of	Value of	INDUSTRY.	Cen-	Num-	Wage	Pri-	Wages.	Cost of	Value of	
year.	estab-	(aver-	age	power.	Ex-pressed in thousands	lish-	(aver-	age	power.	of dol-lars.						
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.																
BUFFALO—All industries.	1919	2,093	75,899	201,249	95,702	400,621	634,410	BUFFALO—Con.	1919	12	932	16,328	1,220	59,198	66,388	
	1914	2,225	54,416	152,338	34,818	157,996	247,516	Flour-mill and gristmill	1914	11	749	8,645	562	25,037	28,069	
	1909	1,753	51,412	121,791	28,727	136,538	218,804	products.	1909	10	476	10,987	324	17,470	19,942	
Artificial limbs.	1919	4	12	10	14	14	53	Food preparations, not	1919	18	409	3,662	474	10,187	12,604	
	1914	4	8	6	7	6	25	elsewhere specified.	1914	20	356	1,365	211	2,559	4,117	
Artificial stone products.	1919	10	87	191	103	146	357	Foundry and machine-	1919	12	251	861	118	1,696	2,715	
	1914	14	53	64	31	30	118	shop products. ⁸	1914	177	12,595	30,840	18,369	24,099	58,350	
	1909	5	30	31	18	11	50		1909	182	8,502	20,167	6,048	10,694	23,269	
Automobile bodies and	1919	38	2,041	2,223	2,519	5,282	9,070	Fur goods.....	1919	33	160	45	205	578	1,063	
parts. ¹	1914	25	671	453	464	933	1,764		1914	19	90	15	60	218	411	
	1909	23	3,044	4,561	2,200	4,596	9,598		1909	12	88	6	61	192	350	
Awnings, tents, and sails.	1910	7	46	27	45	125	246	Furniture ⁹	1919	31	1,803	2,478	1,785	3,886	7,502	
	1914	6	51	52	35	114	182		1914	34	1,813	3,056	988	1,851	3,728	
	1909	6	53	60	23	74	145		1909	33	2,052	2,846	1,037	2,156	4,185	
Blacking, stains, and	1919	8	203	486	106	2,291	3,061	Glass, cutting, staining,	1919	13	129	80	107	179	581	
dressings. ²	1914	9	140	149	66	537	944	and ornamenting.	1914	16	115	141	71	113	268	
	1909	11	136	209	67	411	964		1909	9	83	44	30	51	138	
Boots and shoes, not in-	1919	11	447	295	416	1,547	2,625	Gloves and mittens,	1919	10	113	32	90	275	508	
cluding rubber boots	1914	16	639	426	313	957	1,499	leather.	1914	12	131	33	62	147	283	
and shoes. ³	1909	14	653	370	267	835	1,356		1909	9	76	12	35	73	148	
Bread and other bakery	1919	215	1,674	2,470	1,746	9,071	14,428	Hair work.....	1919	3	2	1	2	6	13	
products.	1914	233	1,534	1,678	928	3,541	6,514		1914	4	5	—	1	4	11	
	1909	189	1,355	1,191	725	3,335	5,544									
Brick ⁴	1919	3	86	150	119	110	344	Hats and caps, other than	1919	7	78	11	72	188	341	
	1914	6	514	570	274	178	553	felt, straw, and wool.	1914	4	108	15	42	99	197	
	1909	5	163	265	88	25	165									
Brooms, from broom corn.	1919	8	11	12	9	44	69	Ice, manufactured.....	1919	7	144	3,413	159	219	911	
	1914	5	25	4	10	29	55		1914	7	64	2,506	58	73	262	
	1909	10	49	111	15	5	56		1909	3	49	650	32	18	92	
Carpets, rag.....	1919	5	17	105	14	8	71	Instruments, professional	1919	7	596	1,303	574	436	1,399	
	1914	10	49	111	15	5	56	and scientific.	1914	8	202	151	131	78	422	
									1909	7	110	34	54	29	511	
Carriages and wagons,	1919	9	33	49	48	51	137	Iron and steel forgings,	1919	7	478	3,811	889	2,213	3,903	
including repairs. ⁵	1914	41	329	675	216	296	709	not made in steel works	1914	5	165	829	147	168	403	
	1909	48	429	551	247	557	1,196	or rolling mills.	1909	5	171	732	131	133	419	
Cars and general shop	1919	15	3,918	5,842	6,071	5,353	11,964	Jewelry.....	1919	26	274	144	318	520	1,374	
construction and re-	1914	14	3,418	2,888	2,305	2,834	5,507		1914	21	316	177	191	344	1,125	
pairs by steam-railroad	1909	7	3,190	2,768	1,988	2,277	4,524		1909	14	298	116	174	388	979	
Clothing, men's, includ-	1919	48	1,450	306	1,134	3,380	6,516	Jewelry and instrument	1919	7	555	148	313	337	1,014	
ing shirts.	1914	57	1,872	407	792	1,925	3,925	cases.	1914	9	459	131	192	179	518	
	1909	60	1,480	365	601	1,797	5,699		1909	8	416	109	113	131	393	
Clothing, women's.....	1910	13	586	212	365	1,116	2,118	Leather goods ¹⁰	1910	16	234	127	218	484	1,096	
	1914	18	497	207	201	346	749		1914	28	531	567	286	633	1,336	
	1909	14	556	61	182	565	1,014		1909	22	509	460	262	521	1,129	
Coffee and spice, roasting	1919	13	33	168	24	594	841	Leather, tanned, curried,	1919	3	466	1,792	516	5,621	8,105	
and grinding.	1914	18	48	118	36	687	871	and finished.	1914	4	455	1,825	258	2,960	3,831	
	1909	8	25	91	11	209	288		1909	4	513	1,207	246	2,194	2,809	
Confectionery ⁶	1919	54	567	778	377	1,814	3,309	Liquors, malt.....	1910	16	928	5,203	1,036	2,060	11,256	
	1914	29	419	491	145	614	965		1914	16	958	5,248	787	2,603	7,962	
	1909	20	505	604	160	739	1,180		1909	16	673	4,888	538	1,481	6,497	
Cooperage ⁷	1919	10	50	90	61	279	394	Looking-glass and picture	1910	11	12	7	12	43	78	
	1914	12	147	125	96	303	460	frames.	1914	18	25	13	15	65	116	
	1909	13	172	206	94	428	609									
Copper, tin, and sheet-	1919	87	461	426	492	1,059	2,103	Lumber and timber prod-	1919	30	1,173	5,183	1,226	3,927	6,836	
iron work.	1914	127	533	432	337	663	1,450	ucts. ¹¹	1914	28	1,228	5,208	804	2,697	4,397	
									1909	32	1,950	6,713	1,106	3,325	5,580	
Corsets.....	1919	4	8	4	5	14	25	Marble and stone work...	1919	13	191	569	261	392	845	
	1914	3	7	—	3	4	11		1914	17	217	685	157	336	588	
									1909	17	364	427	243	443	943	
Electrical machinery, ap-	1919	11	612	683	505	770	2,025	Mattresses and spring	1919	9	79	122	75	287	483	
paratus, and supplies.	1914	8	133	761	96	446	674	beds, not elsewhere speci-	1914	11	205	279	112	371	686	
								fied.	1909	8	190	137	91	276	555	
Electroplating.....	1919	12	81	252	92	86	169	Mineral and soda waters..	1919	21	72	109	70	191	436	
	1914	11	46	185	29	13	68		1914	24	108	94	65	123	269	
									1909	21	100	90	68	101	267	
Engraving and diesink-	1919	6	14	13	13	20	66	Models and patterns, not	1919	12	75	165	122	43	243	
ing.	1914	13	32	20	21	34	143	including paper pat-	1914	11	56	82	48	35	124	
							terns.	1909	9	67	76	62	12	123		
Flavoring extracts.....	1919	11	27	17	15	186	326									
	1914	10	19	5	8	64	143									
	1909	9	22	2	10	32	77									

¹ Includes "automobiles" in 1909.² Includes "cleansing and polishing preparations" in 1909.³ Includes "boot and shoe cut stock" in 1914 and 1909.⁴ Includes "pottery" in 1914.⁵ Includes "carriage and wagon materials" in 1914 and 1909.
⁶ Includes "chewing gum" in 1914.
⁷ Includes "wooden goods, not elsewhere specified," in 1909.
⁸ Includes "gas machines and gas and water meters"; "hardware"; "iron and steel, welding"; "machine tools"; "steam fittings and steam and hot-water heating apparatus"; "structural iron work, not made in steel works or rolling mills"; and "textile machinery and parts" in all years; "engines, steam, gas, and water" and "pumps"; "apparatus"; "structural iron work" in 1914 and 1914; "plumber's supplies, not elsewhere specified," in 1914 and 1909; "hardware, saddlery," in 1910; and "iron and steel, cast-iron pipe," "steam and other power" in 1909 and 1909.
⁹ Includes "refrigerators" in 1909.
¹⁰ Includes "saddlery and harness" and "trunks and valises."
¹¹ Includes "boxes, wooden packing, except cigar boxes," and "window and door screens and weather strips."

MANUFACTURES—NEW YORK.

TABLE 58.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

INDUSTRY.	Cen-sus year.	Num-ber of estab-lishments	Wage earners (aver-age num-ber).	Pri-mary horse-power.	Wages.	Cost of mate-rials.	Value of prod-ucts.	INDUSTRY.	Cen-sus year.	Num-ber of estab-lishments	Wage earners (aver-age num-ber).	Pri-mary horse-power.	Wages.	Cost of mate-rials.	Value of prod-ucts.			
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.																		
BUFFALO—Con.								NEW YORK CITY—										
Optical goods.....	1919	13	154	224	174	124	544	Continued.	1919	3	17	4	12	50	77			
	1914	6	60	80	44	92	198	Bluing.....	1914	3	14	12	5	22	47			
	1909	5	16	10	11	11	44	Boots and shoes, includ-ing cut stock and find-ings.	1919	328	13,524	7,243	17,430	33,300	70,999			
Patent medicines and compounds and drug-gists' preparations. ¹	1919	67	371	529	339	2,337	6,812		1914	205	10,496	4,726	6,445	13,766	26,162			
	1914	101	300	403	153	670	3,335		1909	181	8,200	2,659	4,404	9,950	18,376			
Paving materials.....	1919	5	227	3,467	205	228	735	Boxes, cigar.....	1910	18	744	706	658	914	2,188			
	1914	4	222	820	122	130	390		1914	22	1,041	635	482	748	1,517			
Photo-engraving.....	1919	5	66	38	98	36	276	Boxes, paper and other, not elsewhere specified.	1919	283	9,240	6,045	9,080	15,313	36,532			
	1914	6	80	69	71	59	228		1914	220	10,000	5,012	4,120	6,020	15,833			
	1909	6	96	153	79	28	189		1909	211	7,210	1,000	2,849	4,013	9,460			
Printing and publishing ² ..	1919	205	2,734	3,468	3,269	5,463	13,920	Boxes, wooden packing, except cigar boxes.	1919	73	1,450	5,044	1,556	4,673	8,531			
	1914	210	2,956	3,702	2,149	2,987	9,016		1914	74	2,000	4,311	1,063	4,207	6,520			
Slaughtering and meat packing. ³	1919	184	3,080	3,598	1,937	2,355	7,070	Brass, bronze, and copper products.	1919	141	5,305	6,003	5,360	12,850	28,028			
	1914	43	1,610	4,960	1,004	27,379	29,700		1914	148	3,863	4,016	2,406	5,112	10,499			
	1909	39	1,082	3,743	663	21,730	25,416		1909	163	3,564	3,054	2,110	3,945	8,755			
Soap.....	1919	9	2,075	3,133	1,790	7,969	12,107	Bread and other bakery products.	1919	2,310	21,733	19,953	28,034	68,466	173,510			
	1914	11	1,495	2,890	866	6,145	8,835		1914	2,491	19,870	12,701	13,084	42,550	80,056			
	1909	8	1,360	2,489	545	5,760	8,053		1909	2,378	15,521	6,042	10,375	37,067	61,904			
Stereotyping and electro-typing.	1919	5	66	250	99	117	338	Brick, tile, pottery, and other clay products.	1910	13	662	2,103	785	454	1,877			
	1914	3	55	129	39	47	131		1914	15	1,106	1,820	643	350	1,360			
	1909	3	47	112	32	44	138		1900	13	876	1,355	491	293	1,291			
Tobacco manufactures....	1919	115	258	18	241	352	892	Brooms.....	1919	22	85	76	138	340	541			
	1914	179	492	22	240	370	951		1914	18	161	61	66	161	316			
	1909	188	516	21	282	550	1,237	Brushes.....	1919	91	925	504	1,005	2,024	5,829			
Tools, not elsewhere specified.	1919	20	611	906	713	942	2,237		1914	79	1,075	643	514	1,273	2,668			
	1914	11	151	262	87	63	250		1909	80	1,200	502	566	1,452	2,859			
	1909	11	231	359	128	141	452	Buttons.....	1910	228	3,153	2,190	3,080	4,062	10,023			
Wall plaster and composition flooring.	1919	3	35	77	30	111	186		1914	207	2,903	1,315	1,186	1,705	4,310			
	1914	3	39	240	24	80	164		1900	147	3,172	1,024	1,349	2,352	5,235			
	1909	3	32	220	15	52	120	Candles.....	1919	10	83	82	77	356	598			
Wirework, not elsewhere specified.	1919	8	160	226	157	384	740		1914	5	51	101	19	110	212			
	1914	11	226	240	115	188	454											
	1909	10	209	188	79	173	374	Canning and preserving ⁴ .	1910	72	1,770	1,874	1,527	13,605	20,390			
All other industries.....	1910	495	33,178	181,827	43,010	176,404	285,400		1914	80	1,358	1,503	148	5,454	7,867			
	1914	439	18,688	77,392	12,091	53,820	84,230		1900	73	1,034	1,189	500	3,401	5,538			
	1909	417	14,857	57,036	8,065	49,838	72,740	Card cutting and design-ing.	1910	24	273	194	203	637	1,228			
									1914	18	102	82	81	123	315			
NEW YORK CITY...								Carpets, rag.....	1910	11	41	35	43	57	151			
All industries.	1919	32,590	638,775	718,577	805,822	2,861,476	5,260,708			1914	11	28	24	12	11	55		
	1914	29,621	555,270	550,962	357,498	1,220,155	2,292,832											
	1909	25,933	553,923	428,838	323,414	1,090,783	2,027,425											
Artificial flowers and feathers and plumes.	1919	345	6,159	459	6,154	11,675	26,439	Carriages and wagons and materials.	1910	146	400	1,004	535	702	1,856			
	1914	350	7,058	400	3,335	8,110	16,348		1914	268	1,545	2,268	1,131	1,145	3,232			
	1909	312	8,440	201	3,435	12,237	21,008		1900	195	2,016	1,950	1,320	1,650	4,183			
Artificial stone products.	1919	29	118	176	152	324	694	Carriages and sleds, chil-dren's.	1910	20	200	130	200	633	1,188			
	1914	22	199	170	159	242	598		1914	23	160	10	100	109	431			
	1909	24	227	222	150	195	486	Cars and general shop con-struction and repairs by electric-railroad com-paines.	1910	10	4,210	5,388	5,543	4,801	11,050			
Automobiles, including bodies and parts.	1919	186	3,222	4,742	3,986	6,992	15,400		1914	10	3,940	6,000	2,743	3,284	6,491			
	1914	135	2,922	4,480	2,064	5,014	9,484		1900	13	3,471	3,207	2,236	2,644	5,312			
	1909	56	1,970	1,460	1,585	2,636	6,104	Cars and general shop con-struction and repairs by steam-railroad compa-nies.	1910	9	3,680	7,150	5,526	3,877	10,037			
Awnings, tents, and sails.	1919	122	740	369	948	4,345	7,104		1914	11	1,911	2,682	1,424	1,466	3,143			
	1914	135	735	238	503	1,171	2,358		1900	3	1,517	1,180	925	886	2,052			
	1909	82	503	275	337	857	1,072	Cheese.....	1910	7	6	5	7	33	56			
Babbitt metal and solder.	1919	28	549	991	669	7,409	9,302		1914	3	2	3	2	6	8			
	1914	22	205	175	148	3,723	4,636	Chemicals.....	1910	38	1,603	6,582	2,014	18,454	27,291			
	1909	20	167	115	132	4,378	5,320		1914	33	1,311	4,260	872	9,695	12,302			
Bags, other than paper, not including bags made in textile mills.	1919	42	1,016	820	662	16,788	20,809		1909	33	1,438	4,710	981	9,219	12,945			
	1914	18	1,023	422	413	6,038	7,098											
	1909	14	802	397	277	3,408	4,004											
Bags, paper, exclusive of those made in paper mills.	1919	14	574	435	464	3,581	5,493	Chocolate and cocoa prod-ucts.	1910	9	1,584	8,261	1,306	17,619	24,488			
	1914	8	427	283	215	1,191	1,903		1914	8	621	3,260	285	4,227	5,828			
	1909	9	367	200	156	1,058	1,682		1900	8	602	2,340	122	3,390	4,673			
Baskets, and rattan and willow ware.	1919	44	342	74	330	578	1,601	Clocks and watches, in-cluding cases and mate-rials.	1910	36	1,491	1,236	1,417	2,707	5,951			
	1914	34	406	150	203	676	1,161		1914	27	1,348	1,067	603	1,142	3,148			
	1909	26	401	129	280	413	936		1900	20	1,417	400	780	1,178	3,036			
Belting, leather.....	1919	24	344	1,229	389	3,131	4,902	Clothing, men's, includ-ing shirts.	1910	2,516	53,785	9,666	77,322	208,538	564,408			
	1914	24	274	1,461	187	1,897	2,880		1914	2,232	50,863	9,599	30,503	95,144	192,112			
	1909	18	298	892	188	2,032	3,670		1900	2,523	67,011	7,384	37,008	112,624	218,316			
Blacking and cleansing and polishing prepara-tions.	1919	58	678	1,004	504	3,009	6,951	Clothing, men's, button-holes.										

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TABLE 58.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

INDUSTRY.	Cen-sus year.	Num-ber of es-tab-lish-ments	Wage earners (aver-age num-ber).	Pri-mary horse-power.	Wages.	Cost of mate-rials.	Value of prod-ucts.	INDUSTRY.	Cen-sus year.	Num-ber of es-tab-lish-ments	Wage earners (aver-age num-ber).	Pri-mary horse-power.	Wages.	Cost of mate-rials.	Value of prod-ucts.	
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.																
NEW YORK CITY— Continued.								NEW YORK CITY— Continued.								
Clothing, women's.....	1919	5,080	95,842	15,748	132,666	482,901	806,244	Foundry and machine-shop products. ²	1919	1,382	33,908	43,736	43,198	56,093	165,595	
	1914	3,723	104,834	15,250	62,831	180,778	339,843		1914	1,013	28,031	37,080	21,145	28,063	77,889	
	1909	2,995	94,684	11,157	53,526	144,845	266,477		1909	923	24,014	33,453	16,753	24,058	63,753	
Coffee and spice, roasting and grinding.....	1919	78	1,516	4,512	1,483	45,587	51,225	Fur goods.....	1919	1,153	8,503	3,264	17,814	82,774	132,145	
	1914	99	1,577	4,808	869	24,142	29,861		1914	824	5,510	1,161	4,116	16,130	29,071	
	1909	61	1,329	3,475	649	11,448	15,819		1909	821	7,824	5,483	23,434	39,874		
Coffins, burial cases, and undertakers' goods.....	1919	21	891	1,497	897	2,463	4,706	Furnishing goods, men's ³	1919	318	6,630	1,076	6,633	38,895	61,472	
	1914	15	674	957	387	1,522	2,551		1914	294	6,719	950	3,430	15,695	25,862	
	1909	15	529	600	288	1,213	2,102		1909	313	6,295	498	2,998	15,545	25,496	
Confectionery and ice cream.....	1919	510	12,372	22,515	10,899	46,969	84,565	Furniture and refrigerators.....	1919	479	7,645	8,313	10,691	20,163	42,591	
	1914	251	9,327	11,222	4,190	18,065	29,567		1914	495	9,066	8,570	6,019	10,133	22,994	
	1909	466	8,844	6,415	5,780	12,057	23,303		1909	406	8,414	6,993	5,359	8,731	19,439	
Cooperage and wooden goods, not elsewhere specified.....	1919	85	1,030	1,630	1,315	4,044	6,587	Furs, dressed.....	1919	80	2,389	2,574	3,884	3,827	11,587	
	1914	61	1,350	2,009	787	2,628	4,010		1914	52	974	1,234	596	604	1,945	
	1909	39	1,111	1,215	524	2,221	3,446		1909	49	748	1,137	512	253	1,209	
Copper, tin, and sheet-iron products. ¹	1919	492	11,370	9,190	12,800	31,760	59,682	Gas and electric fixtures and lamps and reflectors.....	1919	139	3,847	3,318	4,473	6,715	15,691	
	1914	475	10,140	8,077	6,180	14,624	27,621		1914	145	3,571	2,347	2,330	4,061	9,256	
	1909	466	8,844	6,415	5,780	12,057	23,303		1909	149	4,857	2,899	4,349	10,750		
Cordials and flavoring syrups.....	1919	30	121	60	149	3,061	4,100	Glass.....	1919	8	535	482	533	470	1,496	
	1914	34	160	72	89	736	1,291		1914	8	838	711	481	319	1,218	
	1909	32	164	68	93	862	1,446		1909	9	884	450	487	281	1,128	
Corsets.....	1919	60	2,949	572	2,293	6,656	12,865	Glass, cutting, staining, and ornamenting.....	1919	124	1,112	435	1,352	2,383	5,254	
	1914	48	2,201	437	964	2,182	5,171		1914	123	1,312	552	857	928	2,730	
	1909	39	2,128	421	889	2,172	4,610		1909	111	2,052	529	1,352	1,130	3,448	
Cotton goods.....	1919	7	207	393	213	1,512	2,208	Gloves and mittens, leather.....	1919	44	461	58	445	1,187	2,485	
	1914	7	125	238	65	403	605		1914	33	480	47	227	478	938	
Cotton small wares.....	1919	11	348	538	300	1,016	1,738		1909	38	396	17	195	291	668	
	1914	7	198	227	114	285	541									
Cutlery and tools, not elsewhere specified.....	1919	117	1,380	1,684	1,486	3,326	8,699	Grease and tallow, not including lubricating greases.....	1919	8	417	1,338	546	3,948	4,972	
	1914	67	720	455	413	698	1,811		1914	9	686	2,037	551	2,746	3,908	
	1909	70	586	377	362	460	1,346		1909	5	557	1,181	317	939	1,757	
Dental goods.....	1919	82	738	781	754	5,555	7,426	Hair work.....	1919	84	555	23	665	2,774	4,946	
	1914	34	843	1,059	549	5,144	7,032		1914	79	619	25	290	1,014	1,981	
	1909	13	242	184	133	4,042	4,490		1909	126	2,291	2	1,050	4,482	7,817	
Dyeing and finishing textiles, exclusive of that done in textile mills.....	1919	113	3,032	4,261	2,929	15,677	25,992	Hand stamps.....	1919	30	314	156	356	553	1,537	
	1914	86	2,942	5,067	1,629	3,036	8,381		1914	35	166	73	108	131	422	
	1909	69	2,770	2,738	1,097	2,727	6,008	Hats and caps, other than felt, straw, and wool.....	1919	328	3,332	734	4,003	11,491	21,181	
Dyestuffs and extracts—natural.....	1919	16	362	3,090	484	4,121	6,376		1914	273	4,019	679	2,560	5,205	10,524	
	1914	16	406	2,512	297	3,113	4,521		1909	226	3,210	309	1,910	3,730	7,512	
	1909	14	280	2,975	191	2,269	3,546	Hats, fur-felt.....	1919	36	1,819	1,159	2,393	6,851	11,760	
Electrical machinery, apparatus, and supplies.....	1919	176	9,376	10,671	9,821	20,256	48,404		1914	31	1,282	434	841	1,997	3,602	
	1914	152	4,590	4,236	2,653	6,487	14,146		1909	33	1,770	781	1,084	2,567	4,765	
	1909	160	5,686	6,954	3,336	6,837	14,788	Hats, straw.....	1919	72	2,040	425	2,407	6,756	11,883	
Electroplating.....	1919	97	510	966	695	369	1,780		1914	70	2,320	552	1,452	5,076	8,586	
	1914	93	458	540	310	156	800		1909	42	1,974	424	1,223	3,440	6,512	
	1909	97	480	477	315	206	886									
Enameling.....	1919	13	69	32	72	49	207	House-furnishing goods, not elsewhere specified.....	1919	169	1,872	826	1,644	11,451	17,448	
	1914	11	53	32	23	22	77		1914	118	1,033	903	801	4,582	6,440	
									1909	73	702	338	341	1,503	2,534	
Engravers' materials.....	1919	4	26	26	26	254	322	Ice, manufactured.....	1919	57	1,371	37,966	2,080	2,959	9,646	
	1914	4	18	33	11	111	154		1914	52	966	27,314	836	1,360	3,664	
									1909	37	685	14,794	547	839	2,813	
Engraving and diesinking.....	1919	165	493	371	648	360	1,885	Ink, printing.....	1919	35	680	3,884	895	5,677	10,976	
	1914	165	390	285	299	115	852		1914	23	477	2,363	398	2,626	6,113	
	1909	72	312	156	207	72	600		1909	26	508	2,199	355	1,860	3,965	
Engraving, wood.....	1919	11	31	7	38	6	129	Ink, writing.....	1919	10	225	100	211	776	1,614	
	1914	19	56	5	35	11	100		1914	9	161	152	88	362	883	
									1909	8	146	58	62	283	737	
Envelopes.....	1919	17	975	740	742	2,124	4,453	Instruments, professional and scientific.....	1919	105	3,107	1,977	3,888	4,185	13,887	
	1914	12	1,089	736	550	1,088	2,287		1914	67	1,083	731	793	996	3,231	
									1909	63	1,081	1,416	678	631	1,909	
Fancy articles, not elsewhere specified.....	1919	312	5,448	1,375	5,328	15,163	28,500	Iron and steel, doors and shutters.....	1919	27	597	953	830	979	2,854	
	1914	205	2,679	1,055	1,234	3,545	6,899		1914	10	309	247	243	262	705	
									1909	9	420	399	276	323	788	
Flags, banners, regalia, society badges, and emblems.....	1919	40	444	127	432	1,885	2,992	Ivory, shell, and bone work, not including combs and hairpins.....	1919	13	184	91	110	247	488	
	1914	54	694	172	316	851	1,944		1914	22	155	102	77	204	373	
	1909	50	530	98	203	712	1,347	Japanning.....	1919	5	36	28	31	23	104	
Flavoring extracts.....	1919	60	288	1,295	247	2,523	4,131		1914	10	66	66	44	37	127	
	1914	61	188	124	.89	904	1,515									
	1909	63	153	59	.84	618	1,204									
Food preparations, not elsewhere specified.....	1919	242	2,088	5,906	2,466	18,897	28,918	Jewelry.....	1919	665	5,					

MANUFACTURES—NEW YORK.

TABLE 58.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

INDUSTRY.	Cen-sus year.	Num-ber of estab-lish-ments	Wage earners (aver-age num-ber).	Pri-mary horse-power.	Wages.	Cost of mate-rials.	Value of prod-ucts.	INDUSTRY.	Cen-sus year.	Num-ber of estab-lish-ments	Wage earners (aver-age num-ber).	Pri-mary horse-power.	Wages.	Cost of mate-rials.	Value of prod-ucts.	
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.																
NEW YORK CITY— Continued.								NEW YORK CITY— Continued.								
Jewelry and instrument cases.	1919	72	867	230	808	1,687	3,886	Pens, fountain, stylo-graphic, and gold.	1919	37	1,870	458	1,508	3,631	9,70-	
	1914	61	734	470	375	488	1,362		1914	31	1,740	302	490	1,024	5,10-	
	1909	57	736	93	395	532	1,353		1909	30	1,730	102	427	1,503	3,19-	
Knit goods.	1919	462	8,800	4,797	9,176	38,224	60,300	Photographic apparatus and materials.	1919	46	2,407	2,240	4,936	10,745	21,63-	
	1914	303	7,602	2,873	8,402	9,508	10,007		1914	35	1,676	272	482	768	2,01-	
	1909	180	5,381	1,551	2,353	7,515	13,565		1909	21	233	110	141	248	058	
Labels and tags.	1919	39	1,206	1,017	1,305	3,282	6,915	Photo-engraving.	1919	75	2,225	703	3,512	1,535	9,416	
	1914	31	590	430	370	766	1,885		1914	65	1,510	450	1,043	790	3,706	
	1909	23	584	237	309	528	1,382		1909	46	1,187	275	1,105	400	2,517	
Lasts.	1919	4	221	441	260	300	1,026	Pipes, tobacco.	1919	27	1,749	1,037	1,020	2,020	0,321	
	1914	6	202	321	164	141	509		1914	16	1,430	651	745	1,579	2,625	
	1909	6	195	285	135	144	455		1909	21	1,582	701	727	1,408	3,137	
Leather goods ¹ .	1919	506	7,366	1,624	9,793	28,863	51,337	Plated ware.	1919	16	606	596	633	793	2,365	
	1914	460	6,238	1,208	8,515	10,105	18,219		1914	15	553	497	336	405	1,145	
	1909	389	6,301	940	8,440	10,049	17,775	Printing and publishing ² .	1919	3,316	52,136	54,337	70,000	127,459	411,139	
Leather, tanned, curried, and finished.	1919	18	320	895	369	2,405	3,937		1914	3,185	48,348	47,806	38,633	50,186	215,571	
	1914	15	352	769	1,812	1,828	2,748		1909	2,883	48,322	37,825	35,097	40,613	133,509	
Liquors, malt.	1919	35	4,245	30,261	5,873	13,450	70,123	Printing materials.	1919	13	130	104	160	423	1,064	
	1914	53	6,288	42,520	5,618	15,887	56,312		1914	17	152	358	136	178	533	
	1909	74	5,793	31,378	4,936	12,707	53,400	Roofing materials.	1919	11	143	441	190	874	1,315	
Looking-glass and picture frames.	1919	85	866	450	905	1,405	3,833		1914	15	207	317	190	801	1,300	
	1914	121	962	364	562	1,004	2,424		1909	3	55	245	34	414	620	
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	173	2,923	11,600	3,838	8,752	16,616	Rubber tires, tubes, and rubber goods, not elsewhere specified.	1919	28	3,113	6,810	3,358	7,731	16,388	
	1914	180	4,480	13,628	3,131	6,804	12,823		1914	35	2,282	4,558	1,143	1,924	4,805	
	1909	247	4,062	10,711	3,785	5,056	12,205	Saws.	1919	8	65	305	55	116	350	
Mattresses and spring beds, not elsewhere specified.	1919	165	1,243	1,436	1,706	6,388	10,957		1914	7	50	465	28	53	124	
	1914	133	1,420	812	902	2,820	4,734	Shipbuilding, including boat building.	1919	68	26,192	42,304	42,200	29,237	103,538	
	1909	122	1,113	819	668	2,601	4,307		1914	68	4,800	13,304	4,210	4,300	11,019	
Millinery and lace goods, not elsewhere specified.	1919	1,789	26,983	5,160	30,719	85,363	162,186		1909	71	9,756	2,732	2,692	8,389		
	1914	233	24,910	4,635	12,396	30,610	70,800	Signs and advertising novelties.	1919	136	985	506	1,110	1,933	4,733	
	1909	886	20,561	3,372	9,419	26,761	51,289		1914	219	1,519	555	601	1,440	3,700	
Mineral and soda waters.	1919	163	845	1,089	958	2,302	5,212		1900	60	670	201	431	570	1,521	
	1914	271	1,402	1,430	903	1,026	4,278	Silk goods.	1919	126	6,818	5,361	6,414	32,033	54,527	
	1909	252	1,558	1,284	902	1,459	4,302		1914	94	5,947	3,791	2,848	8,090	15,008	
Mirrors, framed and unframed, not elsewhere specified.	1919	50	724	936	965	4,045	6,827		1909	118	7,952	4,589	3,505	8,490	16,950	
	1914	47	820	883	530	1,408	2,539	Slaughtering and meat packing. ⁴	1919	165	4,782	13,005	9,014	172,749	101,838	
	1909	37	782	835	502	1,582	2,612		1914	209	4,371	10,801	3,531	97,457	110,707	
Models and patterns, not including paper patterns.	1919	102	902	781	1,280	1,574	4,415		1909	112	3,024	8,715	3,171	83,834	95,862	
Mucilage, paste, and other adhesives, not elsewhere specified.	1919	19	219	667	290	2,115	3,250	Soap.	1919	30	1,951	4,030	2,383	28,220	36,277	
	1914	18	179	447	113	833	1,435		1914	38	1,614	5,470	808	12,768	17,361	
	1909	18	135	415	85	604	1,072		1900	41	1,535	3,144	840	9,109	13,925	
Musical instruments and materials, not specified.	1919	59	348	252	376	638	2,003	Sporting and athletic goods.	1919	23	577	265	652	1,449	2,649	
	1914	46	190	139	112	156	547		1914	22	630	422	421	828	1,587	
	1909	37	235	126	132	168	469		1909	25	280	115	155	405	704	
Musical instruments, pianos and organs and materials.	1919	102	8,087	8,000	9,230	22,362	40,002	Springs, steel, car and carriage, not made in steel works or rolling mills.	1919	15	505	684	502	821	2,181	
	1914	121	9,073	6,841	5,872	12,128	25,130		1914	7	220	252	141	226	518	
	1909	132	8,056	5,883	5,524	12,525	24,200	Stationery goods, not elsewhere specified.	1919	61	1,500	786	1,363	4,796	8,033	
Oil, not elsewhere specified.	1919	16	44	135	54	1,056	1,604		1914	50	1,294	504	608	2,047	3,601	
	1914	23	100	233	63	1,446	1,895		1909	49	542	245	277	770	1,748	
	1900	20	115	234	91	1,610	2,640	Statuary and art goods.	1919	53	283	200	350	277	996	
Optical goods.	1919	55	626	345	743	1,370	3,100		1914	56	710	201	695	344	1,496	
	1914	44	461	229	277	532	1,238		1909	50	371	50	354	188	875	
	1900	27	330	152	177	240	711	Steam packing.	1919	23	156	232	221	882	1,752	
Paint and varnish.	1919	113	3,455	11,775	3,698	35,288	56,381		1914	27	324	846	208	665	1,250	
	1914	119	3,155	13,218	2,088	17,455	29,277		1900	25	727	1,210	352	1,197	2,000	
Paper goods, not elsewhere specified.	1919	69	2,824	4,834	2,073	9,043	16,022	Stereotyping and electro-typing.	1919	30	901	1,570	1,350	1,245	4,163	
	1914	68	2,313	3,140	1,097	8,559	7,127		1914	37	1,481	974	798	716	2,508	
Patent medicines and compounds and drug-gists' preparations. ²	1919	432	6,887	4,768	5,364	35,259	75,280		1909	34	700	1,180	771	547	1,981	
	1914	500	4,107	3,751	2,139	12,799	30,156	Surgical appliances and artificial limbs.	1919	77	1,615	1,444	1,736	5,206	9,957	
	1909	433	3,172	2,928	1,556	9,281	24,984		1914	71	446	176	259	604	1,713	
Paving materials.	1919	5	154	928	196	392	728	Tobacco manufactures.	1919	1,457	15,808	3,817	14,422	62,450	147,217	
	1914	7	442	1,359	337	501	1,043		1914	1,688	23,608	3,207	11,104	32,573	75,406	
	1909	6	154	670	104	440	826		1909	2,030	22,521	2,115	10,307	25,430	62,488	

¹ Includes "pocketbooks"; "saddlery and harness"; and "trunks and valises."² Includes "perfumery and cosmetics."³ Includes "bookbinding and blank-book making"; "engraving, steel and copper plate"; and "lithographing."⁴ Includes "sausage, not made in slaughtering and meat-packing establishments."

MANUFACTURES—NEW YORK.

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TABLE 58.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

INDUSTRY.	Cen-sus year.	Num-ber of estab-lishments	Wage earners (aver-age num-ber).	Pri-mary horse-power.	Wages.	Cost of mate-rials.	Value of prod-ucts.	INDUSTRY.	Cen-sus year.	Num-ber of estab-lishments	Wage earners (aver-age num-ber).	Pri-mary horse-power.	Wages.	Cost of mate-rials.	Value of prod-ucts.	
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.																
NEW YORK CITY— Continued.								BRONX BOROUGH—Con-								
Toys and games.....	1919	161	3,147	892	3,356	6,218	13,166	Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	13	143	351	210	440	900	
	1914	82	1,609	416	702	1,349	2,992		1914	24	429	2,071	340	878	1,572	
	1909	59	1,095	297	415	753	1,634		1909	27	602	1,165	447	932	1,783	
Typewriters and supplies.....	1919	20	606	510	605	2,433	4,178	Marble and stone work...	1919	41	234	1,997	369	605	1,435	
	1914	44	879	660	498	1,080	2,741		1914	54	1,236	3,091	1,299	1,154	3,493	
	1909	27	680	407	385	729	1,961		1909	41	861	3,947	828	811	2,307	
Umbrellas and canes.....	1919	117	911	377	1,115	7,298	11,040	Millinery and lace goods, not elsewhere specified.	1919	98	1,638	773	1,595	3,181	7,262	
	1914	137	1,557	353	836	3,662	5,929		1914	55	1,745	479	835	1,695	3,788	
	1909	134	1,897	495	899	4,113	6,374		1909	46	1,194	576	472	818	2,031	
Window and door screens and weather strips.....	1919	10	57	186	64	108	249	Mineral and carbonated waters.	1919	14	41	40	52	155	284	
	1914	7	88	119	61	63	197		1914	16	60	54	38	77	178	
	1909	6	52	130	299	3,015	4,125		1909	17	63	52	45	68	203	
Window shades and fixtures.....	1919	64	337	357	297	1,035	2,730	Musical instruments, pianos and organs and materials.	1919	37	2,592	2,508	2,917	8,296	14,054	
	1914	94	547	344	289	2,209	3,304		1914	49	2,635	2,249	1,650	4,475	7,635	
	1909	67	522	130	299	3,015	4,125		1909	54	2,674	2,018	1,780	3,676	7,604	
Wirework, not elsewhere specified.....	1919	86	1,401	3,272	1,630	4,077	8,143	Patent medicines and compounds and druggists' preparations. ¹	1919	11	123	82	118	507	934	
	1914	66	904	813	452	1,170	2,335		1914	10	82	61	43	234	448	
	1909	67	974	724	534	1,182	2,358		1909	8	74	61	36	217	395	
Wood, turned and carved.....	1919	90	306	661	421	489	1,392	Printing and publishing ² .	1919	80	1,684	1,879	2,212	2,030	7,052	
	1914	82	284	491	184	209	625		1914	66	470	546	387	352	1,154	
	1909	82	828	824	493	662	1,707		1909	42	198	152	142	183	666	
Woolen, worsted, and felt goods, and wool hats.....	1919	11	318	361	318	2,166	2,963	Structural ironwork, not made in steel works or rolling mills.	1919	34	261	421	386	822	1,675	
	1914	8	310	853	151	1,196	1,544		1914	42	644	593	476	621	1,611	
	1909	11	419	565	207	963	1,512	Tobacco, cigars and cigarettes.	1919	177	368	74	272	606	1,341	
All other industries.....	1919	808	42,776	151,565	52,168	401,350	545,099		1914	184	149	2	80	171	442	
	1914	656	35,375	108,206	21,431	223,514	294,422		1909	189	165	-----	97	188	481	
	1909	1,516	55,386	107,658	29,981	246,818	349,258	All other industries.....	1919	358	9,381	25,085	10,797	26,133	54,587	
BRONX BOROUGH—								All industries.	1914	305	8,563	16,383	5,068	11,861	26,089	
All industries.....	1919	1,370	20,036	41,796	23,658	56,802	114,976		1909	239	6,765	11,005	3,986	8,647	21,498	
Awnings, tents, and sails.....	1919	15	58	15	67	130	312	BROOKLYN BOROUGH—	1919	6,738	160,724	270,998	201,233	670,471	1,184,973	
	1914	17	110	24	73	146	320	All industries.	1914	6,096	140,881	197,571	81,910	298,269	515,303	
	1909	6	33	6	26	53	126		1909	5,217	123,895	147,640	68,367	236,073	418,541	
Brass, bronze, and copper products.....	1919	7	39	76	48	84	175	Artificial flowers and feathers and plumes.	1919	15	108	5	69	118	282	
	1914	6	20	33	18	34	79		1914	19	78	16	30	62	127	
	1909	7	39	76	48	84	175		1909	10	77	6	20	27	66	
Bread and other bakery products.....	1919	257	1,123	1,089	2,062	6,901	11,198	Artificial stone products.	1919	5	37	59	51	102	189	
	1914	267	1,457	1,197	1,137	3,908	6,977		1914	4	23	54	14	35	83	
	1909	201	679	53	504	1,912	3,139	Automobile bodies and parts.	1919	57	598	1,139	718	1,075	2,516	
Carriages and wagons, including repairs.....	1919	16	41	108	52	54	163		1914	27	406	401	267	502	1,083	
	1914	26	98	131	78	71	216	Awnings, tents, and sails.	1919	36	204	139	322	1,600	2,604	
	1909	16	219	68	84	118	257		1914	35	90	38	50	151	236	
Clothing, women's.....	1919	56	655	181	582	1,187	2,466		1909	23	72	30	45	77	171	
	1914	16	224	49	91	208	426	Boots and shoes, not including rubber boots and shoes. ³	1919	143	8,516	4,328	11,202	21,236	45,150	
	1909	9	193	32	109	188	389		1914	72	6,716	3,411	4,434	8,788	17,154	
Confectionery and iced cream.....	1919	38	114	181	126	613	1,036		1909	81	5,878	1,951	3,277	6,727	12,759	
	1914	29	99	101	54	184	341	Boxes, paper and other, not elsewhere specified.	1919	65	4,086	4,458	4,138	7,100	16,745	
Copper, tin, and sheet-iron work. ⁴	1919	27	199	168	272	548	1,189		1914	46	4,238	3,315	1,650	3,313	7,224	
	1914	37	360	155	345	635	1,782		1909	38	1,525	407	550	782	1,886	
	1909	37	269	100	202	277	703	Brass, bronze, and copper products.	1919	51	3,344	4,182	3,299	9,180	21,120	
Fur goods.....	1919	15	22	14	55	266	423		1914	49	2,151	2,364	3,721	3,070	6,260	
	1914	4	4	5	2	8	19		1909	43	1,240	1,074	721	1,418	3,176	
Furniture and refrigerators.....	1919	18	376	709	440	630	1,388	Bread and other bakery products.	1919	837	4,541	3,806	6,669	25,116	39,398	
	1914	21	427	545	307	586	1,443		1914	874	4,678	2,583	3,419	11,289	19,511	
	1909	13	404	505	270	522	1,028		1909	833	3,794	1,035	2,745	10,287	16,905	
Glass, cutting, staining, and ornamenting.....	1919	6	23	18	19	33	90	Brick, tile, terra-cotta, pottery, and fire-clay products.	1919	7	411	721	421	249	1,055	
	1914	7	54	22	33	28	122		1914	9	426	590	214	132	466	
	1909	3	52	21	32	22	77		1909	9	353	580	177	139	503	
House-furnishing goods, not elsewhere specified.....	1919	3	3	2	3	10	20	Brushes.....	1919	20	211	227	303	511	972	
	1914	4	22	12	10	19	24		1914	22	319	427	138	247	566	
	1909	4	22	12	10	19	24		1909	23	395	435	182	482	890	
Ice, manufactured.....	1919	7	203	5,645	331	413	1,557	Canning and preserving ⁶ .	1919	25	864	612	837	6,701	10,726	
	1914	4	99	3,578	81	162	405		1914	22	699	570	397	2,899	3,831	
	1909	20	319	232	147	365	698		1909	20	166	168	66	666	935	
Knit goods.....	1919	31	679	373	657	3,025	5,352	Carpets, rag.....	1919	6	22	21	27	11	59	
	1914	14	319	232	147	365	698		1914	5	24	14	10	5	34	
Leather goods ²	1919	8	16	7	16	62	97		1914	10	111	14	14	10	5	
	1914	8	71	71	40	94	179		1914	10	111	14	69	138	299	
	1909	6	95	92	54	120	215		1909	5	40	26	101	147	147	
Looking-glass and picture frames.....	1919	3	10	1	5	21	40									
	1914	6	10	1	5	21	40									

¹ Includes "stamped and enameled ware, not elsewhere specified" in 1909.² Includes "trunks and valises" in all years, and "pocketbooks" in 1914 and 1909.³ Includes "perfumery and cosmetics."⁴ Includes "engraving, steel and copper plate, including plate printing" and "lithographing" in all years, and "bookbinding and blank-book making" in 1919 and 1914.⁵ Includes "boot and shoe cut stock" and "boot and shoe findings" in 1909.⁶ Includes "canning and preserving, fish" and "pickles, preserves, and sauces," in all years, and "canning and preserving fruits and vegetables," in 1909.

MANUFACTURES—NEW YORK.

TABLE 58.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

INDUSTRY.	Cen-	Num-	Wage	Pri-	Wages.	Cost of	Value of	INDUSTRY.	Cen-	Num-	Wage	Pri-	Wages.	Cost of	Value of
		estab-	(aver-	power.	Expressed in thousands	estab-	year.	estab-	power.	power.	of dollars.				
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
BROOKLYN BOROUGH—Continued.								BROOKLYN BOROUGH—Continued.							
Carriages and wagons, including repairs. ¹	1919	49	120	277	165	244	648	Instruments, professional and scientific.	1919	39	1,925	1,381	2,623	1,902	7,582
	1914	90	495	661	347	387	1,041		1914	23	717	349	530	746	2,273
	1909	66	564	656	386	399	1,114		1909	19	278	355	162	153	522
Chemicals	1919	24	867	3,284	1,116	10,803	17,216	Jewelry	1919	28	539	320	876	4,226	6,240
	1914	18	847	2,474	500	8,838	10,604		1914	21	333	106	229	1,590	2,162
	1909	19	982	3,151	703	8,401	10,827	Knit goods	1919	241	5,069	3,170	5,775	22,885	48,185
Clocks and watchcases, including materials.	1919	6	1,061	1,144	926	1,382	3,364		1914	193	5,516	2,107	2,385	6,068	12,739
	1914	5	1,249	903	590	1,009	2,743		1909	110	3,940	1,306	1,771	5,144	9,350
	1909	7	1,280	441	674	1,050	2,603	Leather goods ⁶	1919	74	412	98	441	973	1,988
Clothing, men's, including shirts.	1919	551	13,534	2,551	10,384	15,039	44,253		1914	70	522	67	281	744	1,400
	1914	523	15,313	2,811	6,933	6,795	18,174		1909	52	390	70	167	461	954
	1909	561	16,531	2,515	8,473	6,420	19,760	Leather, tanned, curried, and finished.	1919	11	298	821	321	2,157	3,405
Clothing, women's	1919	558	6,996	1,837	7,670	13,448	26,696		1914	8	331	709	195	1,728	2,603
	1914	425	8,694	1,723	3,708	5,233	12,124		1909	11	356	737	170	764	1,125
	1909	290	6,525	1,066	2,792	3,975	8,508	Liquors, malt	1919	11	1,269	10,546	1,641	3,480	16,122
Cooperage and wooden goods, not elsewhere specified.	1919	51	851	1,430	1,089	3,442	5,454		1914	23	2,182	14,314	1,762	4,891	15,080
	1914	24	1,024	1,689	599	2,043	3,000		1909	29	1,708	9,120	1,408	3,694	14,660
	1909	17	991	995	443	2,023	3,062	Looking-glass and picture frames	1919	12	63	40	62	203	355
Copper, tin, and sheet-iron work.	1919	130	767	476	978	2,352	4,551		1914	21	95	26	47	139	286
	1914	123	1,022	827	885	1,055	3,367		1909	21	240	209	133	271	604
Cork, cutting	1919	25	1,150	1,422	1,028	2,002	4,810	Lumber and timber products ⁶	1919	67	1,057	6,367	1,945	5,590	9,486
	1914	17	947	822	376	1,207	1,921		1914	79	2,973	7,674	1,755	5,142	8,677
	1909	18	767	663	283	1,064	1,634		1909	85	3,761	9,445	2,280	6,801	10,953
Cotton goods, including cotton small wares. ⁴	1919	7	286	603	265	1,346	2,040	Marble and stone work	1919	67	908	2,418	865	1,233	2,903
	1914	4	120	85	70	192	355		1914	69	681	1,920	608	840	2,139
	1909	4	184	144	85	168	347		1909	74	997	1,053	877	1,120	2,756
Dyeing and finishing textiles, exclusive of that done in textile mills.	1919	16	895	1,216	951	2,139	4,662	Mattresses and spring beds, not elsewhere specified.	1919	64	464	401	612	2,433	3,950
	1914	10	357	958	199	650	1,248		1914	43	719	296	437	1,168	2,010
	1909	11	375	597	172	271	716		1909	33	228	161	123	415	751
Electrical machinery, apparatus, and supplies.	1919	37	2,769	2,481	3,088	5,608	11,798	Millinery and lace goods, not elsewhere specified.	1919	108	1,128	331	1,060	2,178	4,493
	1914	30	961	1,204	555	1,213	2,974		1914	82	1,810	679	838	1,714	3,361
Fancy articles, not elsewhere specified. ⁵	1919	48	638	511	1,036	1,258	2,654		1909	57	1,601	275	626	1,481	2,926
	1914	45	807	688	392	673	1,528	Mineral and soda waters	1919	50	177	303	213	507	1,139
	1909	28	541	353	280	596	1,288		1914	71	205	291	171	293	753
Food preparations, not elsewhere specified.	1919	100	1,051	2,363	1,236	8,613	12,588		1909	70	352	261	206	290	847
	1914	70	854	1,271	2,983	4,254	4,254	Oil, not elsewhere specified.	1919	6	9	17	8	122	183
	1909	36	454	643	171	1,084	1,697		1914	8	52	112	20	580	734
Foundry and machine-shop products. ⁴	1919	464	14,797	19,805	18,322	21,855	63,903	Paint and varnish	1919	68	2,205	7,735	2,388	23,009	37,078
	1914	572	12,446	17,643	9,376	11,887	35,236		1914	64	1,784	8,857	1,205	11,607	18,406
	1909	305	10,055	14,845	7,696	9,081	28,137		1909	63	1,630	5,627	990	10,430	15,743
Fur goods	1919	50	677	1,395	829	3,213	5,052	Paper goods, not elsewhere specified.	1919	22	1,170	1,032	651	4,271	7,281
	1914	27	53	13	37	139	270		1914	10	1,033	1,405	402	2,012	3,550
	1909	17	851	103	100	705	1,193								
Furniture	1919	118	2,845	2,542	3,471	7,587	14,642	Patent medicines and compounds and drugists' preparations. ⁷	1919	79	1,744	2,050	1,484	9,423	18,988
	1914	102	3,137	3,381	1,867	3,694	7,401		1914	78	1,105	1,574	624	4,184	7,985
Furs, dressed	1919	52	1,716	1,964	2,989	1,568	6,867		1909	69	736	1,207	341	2,343	5,071
	1914	27	841	934	513	476	1,592								
	1909	36	573	887	394	188	845	Plated ware	1919	5	233	212	201	192	582
Gas and electric fixtures and lamps and reflectors.	1919	30	861	917	961	1,644	3,778		1914	7	365	399	219	209	680
	1914	28	680	573	417	611	1,582								
	1909	27	740	564	421	700	1,571	Printing and publishing ⁸	1910	330	5,397	6,248	6,010	8,052	25,456
Glass	1919	4	255	220	230	198	600		1914	348	5,740	5,070	3,072	4,611	14,747
	1914	4	417	361	194	141	470		1909	305	6,483	5,200	4,001	5,226	14,028
	1909	6	540	220	275	157	624								
Glass, cutting, staining, and ornamenting.	1919	46	429	218	522	1,254	2,125	Rubber tires, tubes, and rubber goods, not elsewhere specified.	1919	7	507	2,333	480	1,179	2,159
	1914	44	548	218	371	330	1,045		1914	9	429	1,430	218	477	1,091
	1909	36	812	240	502	443	1,301								
Ice, manufactured	1919	19	392	12,223	665	1,042	3,121	Show cases	1919	6	10	14	16	38	65
	1914	15	279	8,658	254	333	1,032		1914	7	138	218	81	132	306
	1909	12	205	5,060	160	213	606								
Ink, printing	1919	12	288	1,871	413	2,008	5,517	Signs and advertising novelties.	1919	23	110	87	116	325	709
	1914	9	204	1,260	183	1,383	2,825		1914	29	236	100	137	170	542
	1909	9	236	778	181	948	1,785		1909	7	60	41	57	49	160

¹ Includes "carriage and wagon materials" in 1909.² Includes "cotton lace" in 1914.³ Includes "combs and hairpins, except those made from metal or rubber" and "ivory, shell, and bone work, not including combs and hairpins."⁴ Includes "automobile repairing"; "engines, steam, gas, and water"; "gas machines and gas and water meters"; "hardware"; "iron and steel, welding"; "machine tools"; "plumbers' supplies, not elsewhere specified"; "pumps, steam and other power"; "steam fittings and steam and hot-water heating apparatus"; "structural iron-work, not made in steel works or rolling mills"; and "textile machinery and parts" in all years; "iron and steel, cast-iron pipe" in 1919 and 1909; and "hardware, saddlery" in 1909.⁵ Includes "pocketbooks"; "saddlery and harness"; and "trunks and valises."⁶ Includes "boxes, wooden packing"; "lumber, planing-mill products, not including planing mills connected with sawmills"; and "window and door screens and weather strips."⁷ Includes "perfumery and cosmetics."⁸ Includes "bookbinding and blank-book making"; "engraving, steel and copper plate, including plate printing"; and "lithographing".

MANUFACTURES—NEW YORK.

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TABLE 58.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

INDUSTRY.	Cen-	Num-	Wage	Pri-	Wages.	Cost of	Value of	INDUSTRY.	Cen-	Num-	Wage	Pri-	Wages.	Cost of	Value of
year.	estab-	(aver-	age	power.	Ex-pressed	in thousands	ucts.	year.	estab-	(aver-	age	power.	Ex-pressed	in thousands	ucts.
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
BROOKLYN BOROUGH—Continued.								MANHATTAN BOROUGH—Continued.							
Silk goods.....	1919	21	1,842	1,815	1,029	7,145	11,645	Bread and other bakery products.....	1919	976	13,212	11,776	16,051	55,300	104,085
	1914	17	1,256	1,139	494	884	2,026		1914	1,126	12,269	6,017	7,550	24,534	48,621
	1909	19	1,521	1,611	561	1,290	2,619		1909	1,124	10,234	5,324	6,603	23,701	38,739
Slaughtering and meat packing. ¹	1919	44	840	2,345	1,285	28,178	31,667	Brushes.....	1919	61	677	251	606	2,049	4,704
	1914	63	760	1,916	670	15,227	17,225		1914	54	706	206	353	975	1,986
	1909	32	737	819	580	14,744	16,575		1909	52	731	133	335	898	1,772
Stamped and enameled ware, not elsewhere specified.	1919	26	1,563	1,639	1,394	2,795	6,323	Buttons.....	1919	200	2,185	1,341	2,242	2,770	8,915
	1914	18	1,220	1,102	588	1,737	3,085		1914	183	2,253	677	941	1,432	3,517
Steam packing.....	1919	8	73	132	98	688	1,218	Cleansing and polishing preparations.....	1919	23	115	137	69	597	1,635
	1914	8	213	678	130	504	838		1914	32	77	42	37	234	538
Stoves, gas and oil	1919	6	161	68	138	407	1,015	Clocks and watches, including cases and materials.....	1919	29	358	92	447	1,211	2,376
	1914	6	54	61	42	97	233		1914	22	99	74	73	133	405
Tobacco, cigars and cigarettes. ²	1919	408	2,142	649	1,489	13,818	35,762		1909	13	137	49	112	128	432
	1914	459	2,279	448	1,003	3,953	10,934	Clothing, men's, button-holes.....	1919	32	165	64	229	46	497
	1909	556	2,166	290	894	2,404	6,570		1914	45	188	67	100	27	201
Tools, not elsewhere specified.	1919	25	164	174	189	110	535		1909	49	239	49	170	43	347
	1914	14	60	60	40	88	109	Clothing, men's, including shirts.....	1919	1,027	38,816	6,712	50,914	279,517	512,760
Wall plaster and composition flooring.	1919	7	36	169	49	107	290		1914	1,682	39,687	6,090	22,915	86,316	170,075
	1914	3	37	550	16	55	98		1909	1,945	49,915	4,737	29,208	105,927	197,826
Window shades and fixtures.	1919	11	189	265	152	435	929	Clothing, women's.....	1919	4,425	87,478	13,563	123,882	467,057	834,787
	1914	19	327	289	165	897	1,484		1914	3,268	95,659	13,390	58,350	175,122	320,881
	1909	12	184	95	100	1,177	1,513		1909	2,637	87,188	9,327	50,382	140,034	256,169
Wirework, including wire rope, and cable.	1919	25	1,004	2,893	1,196	2,784	5,554	Coffee and spice, roasting and grinding.....	1919	57	612	2,250	688	20,236	23,922
	1914	20	356	475	217	571	1,122		1914	74	1,006	2,777	525	11,496	15,604
	1909	17	461	403	275	455	1,029		1909	50	745	2,321	371	7,006	9,644
Wood, turned and carved.	1919	20	84	278	114	135	320	Coffins, burial cases, and undertakers' goods.....	1919	11	457	425	421	1,206	2,292
	1914	23	74	122	43	61	164		1914	11	379	522	220	1,028	1,607
	1909	19	340	385	140	273	610		1909	11	316	375	179	748	1,232
All other industries.....	1919	1,093	43,970	110,589	47,635	320,561	449,922	Cooperage.....	1919	17	67	58	102	125	331
	1914	734	33,113	69,588	18,479	140,041	196,314		1914	18	186	84	100	265	460
	1909	907	36,364	62,337	19,028	117,139	178,908								
MANHATTAN BOROUGH.	1919	22,981	386,907	271,501	502,042	1,883,471	3,525,575	Copper, tin, and sheet-iron products. ³	1919	236	3,104	2,402	3,888	8,476	17,688
All industries.	1914	21,087	385,902	231,076	239,217	760,628	1,519,143		1914	248	2,952	2,257	1,853	3,908	8,228
	1909	18,832	384,858	193,903	228,096	704,409	1,384,795		1909	271	3,827	2,225	2,457	4,484	9,604
Artificial flowers.....	1919	142	2,884	146	2,918	5,257	11,958	Corsets.....	1919	51	2,507	478	1,975	5,770	11,087
	1914	145	3,750	97	1,577	2,450	6,005		1914	45	2,137	421	943	2,107	5,047
Artists' materials.....	1919	11	50	25	46	148	338		1909	35	1,960	378	839	2,039	4,290
	1914	6	10	5	9	39	78								
Awnings, tents, and sails.	1919	68	408	203	545	2,581	4,175	Cutlery and tools, not elsewhere specified.	1919	76	916	931	1,019	2,614	6,630
	1914	77	514	168	371	856	1,711		1914	43	539	298	306	531	1,276
	1909	49	391	234	262	716	1,357		1909	48	389	260	265	280	968
Babbitt metal and solder.	1919	10	51	15	66	1,642	1,979	Dental goods.....	1919	60	614	557	601	4,882	6,417
	1914	11	94	46	67	1,423	1,950		1914	25	267	230	164	1,697	2,202
	1909	11	71	21	58	1,687	2,279		1909	8	190	150	107	1,068	1,394
Baskets, and rattan and willow ware.	1919	33	143	56	145	226	562	Dyeing and finishing textiles, exclusive of that done in textile mills.	1919	86	1,518	1,410	1,297	12,863	18,723
	1914	21	152	42	81	141	330		1914	68	1,892	2,779	1,088	2,897	5,922
	1909	19	169	8	96	145	358		1909	50	1,731	1,032	599	2,034	4,106
Belting, leather.....	1919	17	270	1,125	305	2,800	4,219	Electrical machinery, apparatus, and supplies.....	1919	124	4,286	6,121	4,457	10,543	25,591
	1914	18	175	1,233	120	1,518	2,275		1914	115	3,180	2,682	1,310	4,843	9,930
	1909	15	185	722	118	1,383	2,730		1909	127	4,298	5,274	4,422	10,431	
Boot and shoe cut stock..	1919	6	12	10	15	90	132	Electroplating.....	1919	81	446	801	608	333	1,602
	1914	7	113	192	76	649	848		1914	80	396	460	273	138	711
Boots and shoes, not including rubber boots, and shoes.	1919	96	2,198	704	3,045	6,627	12,551	Engraving and diesinking.....	1919	153	278	163	406	103	1,094
	1914	70	2,307	545	1,349	2,810	5,428		1914	149	276	124	200	64	611
Boxes, cigar.....	1919	12	693	777	620	841	2,048		1909	69	295	148	197	68	567
	1914	15	972	616	448	704	1,409								
	1909	21	1,179	890	526	843	1,705	Engraving, wood.....	1919	11	31	7	38	6	129
Boxes, paper and other, not elsewhere specified.	1919	212	4,998	2,446	4,831	8,032	19,351		1914	19	56	5	35	11	100
	1914	168	5,446	1,612	2,352	3,446	8,254		1909	23	75	10	65	33	189
Boxes, wooden packing, except cigar boxes.	1919	55	824	2,606	933	2,975	5,626	Fancy articles, not elsewhere specified. ⁴	1919	266	4,808	833	4,607	13,697	25,558
	1914	62	947	2,579	600	1,691	2,006		1914	192	2,391	702	1,120	3,545	6,761
Brass, bronze, and copper products.	1919	74	1,095	1,638	1,731	3,192	6,628		1909	121	1,723	545	799	1,941	4,389
	1914	88	1,024	1,571	977	1,889	3,924								
	1909	110	2,212	1,841	1,310	2,378	5,279	Feathers and plumes.....	1919	180	3,133	303	3,139	6,286	14,104
									1914	189	3,788	287	1,713	5,601	10,187
									1909	56	144	52	81	605	1,164

¹ Includes "sausage, not made in slaughtering and meat-packing establishments".

² Includes "tobacco, chewing and smoking, and snuff" in 1909.

³ Includes "stamped and enameled ware, not elsewhere specified" and "tinware, not elsewhere specified."

⁴ Includes "combs and hairpins, except those made from metal or rubber" and "ivory, shell, and bone work, not including combs and hairpins."

MANUFACTURES—NEW YORK.

TABLE 58.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

INDUSTRY.	Cen-sus year.	Num-ber of es-tab-lish-ments	Wage earners (aver-age num-ber).	Pri-mary horse-power.	Wages.	Cost of ma-terials.	Value of products.	INDUSTRY.	Cen-sus year.	Num-ber of es-tab-lish-ments	Wage earners (aver-age num-ber).	Pri-mary horse-power.	Wages.	Cost of ma-terials.	Value of products.
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
MANHATTAN BOROUGH—Continued.								MANHATTAN BOROUGH—Continued.							
Food preparations, not elsewhere specified.	1919	115	673	2,241	700	8,148	12,340	Mineral and soda waters.	1919	69	581	662	637	1,421	3,351
	1914	98	1,112	1,819	584	5,732	8,341		1914	143	1,122	1,030	724	1,200	3,200
Foundry and machine-shop products. ¹	1919	690	11,939	11,451	15,362	20,718	54,530	Mirrors, framed and unframed, not elsewhere specified.	1919	36	537	688	695	2,896	4,973
	1914	1,081	10,325	12,057	7,919	11,076	28,270	Models and patterns, not including paper patterns.	1919	72	759	533	966	1,236	3,449
	1909	507	8,902	9,552	6,203	9,313	23,334		1914	77	774	528	472	920	1,994
Fur goods.	1919	1,088	7,804	1,855	16,930	79,296	126,670		1909	74	700	395	450	451	1,745
	1914	793	5,462	1,143	4,077	15,984	28,782	Mucilage, paste, and other adhesives, not elsewhere specified.	1919	9	89	242	116	661	1,004
Furnishing goods, men's.	1919	207	4,861	592	5,080	30,201	48,189		1914	9	31	54	21	178	276
	1914	194	4,286	504	2,503	11,414	19,185	Musical instruments and pianos.	1919	6	22	41	15	83	158
Furniture.	1919	312	4,100	4,289	5,707	10,811	23,417		1914	41	257	136	279	483	1,608
	1914	341	4,884	3,886	3,464	5,080	12,720	Musical instruments and materials, not specified.	1914	34	115	68	69	70	237
Furs, dressed.	1919	22	483	390	611	2,104	3,903		1919	36	2,717	2,399	3,301	9,335	16,439
	1914	22	89	176	59	100	260		1914	43	3,233	2,000	2,225	5,373	10,551
Gas and electric fixtures and lamps and reflectors.	1919	95	2,526	1,843	2,995	4,498	10,280	Musical instruments, piano and organ materials.	1919	14	1,580	1,451	1,528	2,591	5,040
	1914	109	2,644	1,647	1,767	3,269	7,237		1914	15	1,690	940	804	1,134	3,215
	1909	116	3,918	2,223	2,369	3,501	8,845	Oil, not elsewhere specified.	1919	10	35	118	47	933	1,422
Glass, cutting, staining, and ornamenting.	1919	64	634	168	785	1,080	2,978		1914	15	48	121	34	865	1,160
	1914	65	639	291	437	552	1,515		1900	13	55	148	50	706	1,231
	1900	66	1,117	206	783	630	1,978	Optical goods.	1910	41	404	284	570	1,026	2,442
Gloves and mittens, leather.	1919	34	441	52	420	1,112	2,370		1914	36	408	203	244	497	1,141
	1914	27	471	47	222	458	900		1900	20	256	131	135	179	546
Hair work.	1919	80	533	22	646	2,759	4,896	Paints.	1919	8	207	160	137	1,363	2,860
	1914	72	563	22	275	984	1,910		1914	17	207	324	205	976	2,124
Hat and cap materials.	1919	79	856	682	974	6,293	10,005	Paper goods, not elsewhere specified.	1910	36	680	696	604	2,867	4,774
	1914	50	673	491	349	2,049	2,927		1914	44	600	370	300	867	1,797
	1909	26	494	890	251	1,320	1,977	Patent medicine and compounds and druggists' preparations. ³	1919	321	3,878	1,740	2,057	20,187	47,856
Hats and caps, other than felt, straw, and wool.	1919	201	2,927	608	4,250	10,474	19,256		1914	401	2,452	1,518	1,247	6,740	19,322
	1914	245	3,411	532	2,265	4,633	9,328		1909	346	2,120	1,369	1,057	5,930	17,911
	1909	205	2,658	264	1,048	3,184	6,400	Pens, fountain, stylographic, and gold.	1910	30	1,700	387	1,416	3,364	9,136
House-furnishing goods, not elsewhere specified.	1919	139	1,266	348	1,169	8,888	13,199		1914	27	704	202	468	971	5,075
	1914	98	1,395	727	707	4,085	5,662		1900	25	663	177	380	1,400	3,017
Ice, manufactured.	1919	16	573	18,465	705	1,090	3,574	Phonographs and graphophones.	1910	12	338	228	374	1,010	3,610
	1914	17	420	10,508	387	583	1,637		1914	4	35	28	28	47	128
	1909	11	290	6,521	235	304	1,208	Photographic apparatus and materials.	1910	30	2,177	1,201	4,681	9,928	20,393
Ink, printing.	1919	20	271	1,629	308	2,105	4,181		1914	31	630	248	463	753	1,977
	1914	11	204	1,208	155	974	2,483		1900	10	130	50	80	185	466
Instruments, professional and scientific.	1919	43	677	302	882	1,328	3,243	Pickles, preserves, and sauces.	1910	32	703	1,071	504	5,156	7,420
	1914	39	343	381	250	227	901		1914	45	539	771	201	1,028	3,203
	1909	37	313	203	206	236	672	Plated ware.	1919	11	373	384	433	601	1,803
Jewelry.	1919	632	4,418	2,313	7,504	34,582	58,930		1914	8	188	98	117	195	465
	1914	488	4,313	1,726	3,393	9,090	18,308	Printing and publishing. ⁴	1910	2,825	44,428	45,418	60,967	116,303	375,733
	1909	414	4,824	1,351	3,482	9,348	18,305		1914	2,708	41,788	41,344	34,036	60,076	108,782
Jewelry and instrument cases.	1919	63	686	204	741	1,471	3,383		1900	2,483	41,307	32,214	30,757	40,878	107,610
	1914	57	593	176	838	436	1,199	Regalia, and society badges and emblems.	1910	21	146	35	105	409	980
	1909	54	660	92	372	503	1,285		1914	26	104	21	51	120	285
Knit goods.	1919	115	1,703	705	1,897	9,234	15,281	Saws.	1910	4	3	8	4	7	22
	1914	83	1,352	402	630	2,056	4,377		1914	3	5	11	3	3	13
Leather goods. ²	1919	415	6,746	1,429	9,127	27,184	47,990	Sewing machines and attachments.	1910	10	147	107	187	158	554
	1914	357	5,483	1,088	3,103	8,098	16,138		1914	12	71	61	49	59	171
	1909	321	5,668	761	3,160	9,287	16,237	Show cases.	1910	10	149	174	165	277	571
Liquors, malt.	1919	17	2,474	22,719	3,401	7,076	44,827		1914	12	160	108	91	100	351
	1914	21	3,478	22,639	3,246	9,218	34,665		1900	9	138	130	74	120	314
	1909	30	3,242	19,285	2,727	7,281	30,175	Lights and advertising novelties.	1910	102	818	453	934	1,552	3,700
Looking-glass and picture frames.	1919	70	803	419	842	1,259	3,473		1914	173	1,170	414	767	1,171	2,976
	1914	94	857	337	511	843	2,090		1900	50	544	160	352	506	1,317
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	84	1,074	3,738	1,507	2,762	6,128	Silk goods.	1910	80	2,402	1,647	2,424	10,020	25,674
	1914	65	1,128	3,631	839	1,198	2,906		1914	56	1,748	984	908	2,390	5,404
	1909	55	1,112	2,383	1,035	1,958	4,001	Mattresses and spring beds, not elsewhere specified.	1910	84	3,883	1,084	1,815	4,440	8,952
Marble and stone work.	1919	49	400	1,460	758	1,287	2,708		1914	29	551	631	712	1,306	3,243
	1914	65	507	1,723	377	586	1,433		1914	27	513	550	382	670	1,656
	1909	55	1,112	2,383	1,035	1,958	4,001	Silversmithing and silverware.	1910	100	3,897	10,405	5,547	142,575	167,902
Mattresses and spring beds, not elsewhere specified.	1919	89	634	772	974	3,236	5,704		1914	127	3,550	8,637	2,810	81,331	92,347
	1914	84	681	498	446	1,604	2,620		1909	76	3,169	7,880	2,575	68,720	78,852
	1909	85	860	637	525	2,123	3,505	Slaughtering and meat packing. ⁵	1910	100	3,897	10,405	5,547	142,575	167,902
Millinery and lace goods, not elsewhere specified.	1919	1,508	24,000	3,934	27,926	79,510	149,524		1914	127	3,550	8,637	2,810	81,331	92,347
	1914	1,083	21,095	3,259	10,000	33,070	63,424		1909	76	3,169	7,880	2,575	68,720	78,852
	1909	775	17,404	2,396	8,218	24,277	45,885								

¹ Includes "automobile repairing"; "engines, steam, gas, and water"; "gas machines and gas and water meters"; "hardware"; "iron and steel, tempering and welding"; "machine tools"; "plumbers' supplies, not elsewhere specified"; "pumps, steam and other power"; "steam fittings and steam and hot-water heating apparatus"; "structural ironwork, not made in steel works or rolling mills"; and "textile machinery and parts" in all years; and "hardware, saddlery," in 1910 and 1909.

² Includes "pocketbooks"; "saddlery and harness"; and "trunks and valises."

³ Includes "perfumery and cosmetics."

⁴ Includes "bookbinding and blank-book making"; "engraving, steel and copper plate, including plate printing"; and "lithographing."

⁵ Includes "sausage, not made in slaughtering and meat-packing establishments."

MANUFACTURES—NEW YORK.

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TABLE 58.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

INDUSTRY.	Cen-sus year.	Num-ber of es-tab-lish-ments	Wage earners (aver-age num-ber).	Pri-mary horse-power.	Wages.	Cost of ma-terials.	Value of products.	INDUSTRY.	Cen-sus year.	Num-ber of es-tab-lish-ments	Wage earners (aver-age num-ber).	Pri-mary horse-power.	Wages.	Cost of ma-terials.	Value of products.	
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.																
MANHATTAN BOROUGH—Continued.								QUEENS BOROUGH—Continued.								
Soap.....	1919	13	347	894	345	2,757	5,001	Copper, tin, and sheet-iron products. ²	1919	28	2,519	2,366	2,798	5,346	11,414	
	1914	18	419	752	250	1,525	3,553		1914	27	2,975	2,507	1,481	4,300	7,375	
	1909	24	586	874	316	2,520	4,320		1909	16	2,601	2,098	1,235	3,508	5,446	
Stationery goods, not elsewhere specified.	1919	50	926	367	833	3,006	5,488	Dyeing and finishing tex-tiles, exclusive of that done in textile mills.	1919	5	105	50	110	201	415	
	1914	45	979	410	455	1,571	2,752		1914	4	135	151	76	84	219	
	1909	44	450	229	230	639	1,499		1909	4	92	185	55	84	177	
Statuary and art goods.....	1919	43	272	196	332	265	945	Dyestuffs and extracts—natural.	1919	4	150	1,374	224	993	1,449	
	1914	39	290	23	279	120	607		1914	3	86	450	61	369	556	
	1909	39	341	50	325	177	815	Foundry and machine-shop products. ³	1919	85	4,439	8,870	5,485	8,901	24,931	
Steam packing.....	1919	12	72	89	112	181	493		1914	56	2,270	2,374	1,414	2,108	5,456	
	1914	16	92	130	64	113	319		1909	41	2,097	2,482	1,503	2,100	5,619	
Stereotyping and electro-typing.	1919	30	901	1,576	1,350	1,245	4,163	Glass.....	1919	4	280	253	303	272	887	
	1914	37	974	1,481	978	716	2,508		1914	4	421	350	290	208	742	
	1909	34	790	1,180	771	547	1,961		1909	3	344	230	212	124	503	
Stoves and hot-air furnaces, including gas and oil stoves.	1919	12	130	145	143	390	867	Glass, cutting, staining, and ornamenting.	1919	8	26	31	25	16	61	
	1914	10	289	249	230	508	1,054		1914	7	21	21	16	18	48	
	1909	16	460	391	364	744	1,579	Ice, manufactured.....	1919	12	177	5,910	248	362	1,203	
Surgical appliances.....	1919	41	292	129	272	621	1,569		1914	12	146	3,950	118	200	519	
	1914	44	180	47	108	189	537		1909	7	53	1,238	5	55	224	
Suspenders, garters, and elastic woven goods.	1919	64	1,053	196	983	6,253	9,067	Knit goods.....	1919	75	749	543	847	3,080	5,491	
	1914	78	1,062	122	495	2,915	4,329		1914	13	505	132	240	569	1,192	
									1909	7	421	85	141	408	710	
Tobacco manufactures.....	1919	757	12,602	2,978	11,554	46,890	106,419	Leather goods, not elsewhere specified.	1919	8	191	89	208	643	1,252	
	1914	914	20,436	2,604	9,544	27,817	62,092		1914	6	149	58	84	244	442	
	1909	1,172	19,713	1,783	9,097	22,397	54,399	Lumber and timber prod-ucts. ⁴	1919	30	798	4,076	945	3,086	5,104	
Toys and games.....	1919	107	2,165	462	2,525	4,932	10,152		1914	27	1,441	3,881	956	2,351	3,982	
	1914	58	1,181	277	557	1,032	2,358		1909	19	1,045	2,294	621	2,003	3,133	
	1909	39	781	235	322	580	1,268	Marble and stone work...	1919	59	554	2,288	857	1,077	2,657	
Umbrellas and canes.....	1919	104	860	323	1,061	6,994	10,627		1914	67	780	3,541	739	920	2,354	
	1914	120	1,283	288	706	3,029	4,939	Mineral and carbonated waters.	1919	15	34	50	42	186	373	
Window shades and fixtures.	1919	38	106	38	112	1,040	1,546		1914	17	29	34	19	41	108	
	1914	60	201	52	112	1,333	1,746		1909	18	36	24	22	30	100	
	1909	44	297	35	172	1,730	2,447	Paint and varnish.....	1919	20	460	2,178	539	4,690	8,620	
Wirework, including wire rope and cable, not elsewhere specified.	1919	50	370	349	394	1,235	2,466		1914	17	449	1,881	281	2,140	4,004	
Wood, turned and carved.	1919	67	219	378	305	351	1,086		1909	18	410	1,377	275	2,501	4,226	
	1914	56	205	369	139	148	454	Patent medicines and compounds. ⁵	1919	17	1,112	867	780	4,865	7,115	
	1909	56	444	428	325	375	1,023		1914	11	468	598	225	1,631	2,400	
Wooden goods, not elsewhere specified.	1919	9	69	125	74	326	560		1909	10	233	231	121	784	1,608	
	1914	13	84	65	36	155	271	Printing and publishing ..	1919	50	560	687	722	947	2,505	
									1914	48	286	243	192	208	706	
All other industries.....	1919	1,291	32,932	53,596	39,622	160,874	278,873		1909	37	222	174	133	192	533	
	1914	1,277	31,878	42,374	19,507	77,056	132,727	Silk goods.....	1919	18	1,623	1,300	1,513	7,041	12,655	
	1909	4,308	86,503	60,869	48,434	172,792	307,576		1914	15	1,926	940	947	3,498	5,793	
									1909	8	1,837	477	870	2,249	4,206	
QUEENS BOROUGH	1919	1,249	47,222	97,211	54,283	195,230	331,285	Tobacco, cigars	1919	98	781	113	1,103	1,110	3,649	
All industries.	1914	975	31,630	70,413	19,050	118,759	164,789		1914	115	727	147	649	618	1,898	
	1909	770	24,194	47,646	14,102	113,152	151,488		1909	127	462	37	211	338	998	
Artificial stone products..	1919	17	48	22	58	87	231	All other industries.....	1919	422	27,933	61,186	32,564	139,289	217,316	
	1914	7	16	7	9	3	34		1914	280	15,884	43,732	6,703	96,015	120,423	
Automobile bodies and parts.	1919	20	475	841	491	1,224	2,807		1900	268	12,662	33,849	7,760	96,522	120,155	
	1914	6	568	744	430	297	952	RICHMOND BOROUGH ...	1919	252	17,886	37,011	24,607	55,502	103,899	
Brass, bronze, and copper products.	1919	9	227	197	288	408	1,005	All industries.	1914	192	7,479	20,207	4,685	23,513	34,887	
	1914	5	70	52	47	118	235		1909	180	6,436	19,738	3,734	18,367	29,701	
	1909	4	47	23	34	85	155	Bread and other bakery products.	1919	48	217	185	321	1,177	1,844	
Bread and other bakery products.	1919	201	2,645	3,097	2,931	9,963	16,384		1914	42	185	87	123	438	696	
	1914	182	1,281	2,817	854	2,382	4,251		1909	42	146	28	99	326	568	
	1909	158	668	202	423	1,642	2,552	Copper, tin, and sheet-iron work.	1919	15	32	82	41	62	170	
Buttons.....	1919	19	848	662	733	1,134	2,739		1914	7	24	32	18	26	54	
	1914	13	536	516	196	285	606									
	1909	13	771	499	325	398	908	Ice, manufactured.....	1919	8	26	723	41	44	192	
Carriages and wagons, including repairs. ¹	1919	9	19	36	18	14	62		1914	4	22	580	17	32	71	
	1914	24	126	231	93	119	282									
	1909	13	89	105	61	64	102	Marble and stone work, monuments and tombstones.	1919	6	12	3	18	31	56	
Clothing, men's, including shirts.	1919	16	469	106	456	815	870		1914	3	11	9	12	37	65	
	1914	9	335	56	110	14	152									
	1909	9	104	36	49	5	73	Mineral and carbonated waters.	1919	6	12	25	15	33	65	
									1914	4	16	21	11	15	39	

¹ Includes "carriage and wagon materials" in 1914.² Includes "stamped and enameled ware, not elsewhere specified" in all years and "tinware, not elsewhere specified" in 1914 and 1909.³ Includes "gas machines and gas and water meters"; "iron and steel, welding"; "machine tools"; "steam fittings and steam and hot-water heating apparatus"; "steel barrels, drums, and tanks, portable"; and "structural ironwork, not made in steel works or rolling mills" in all years; "engines, steam, gas, and water"; "hardware"; "barrels, drums, and tanks, portable"; and "structural ironwork, not made in steel works or rolling mills" in all years; "engines, steam, gas, and water"; "hardware"; "hardware"; "plumbers' supplies, not elsewhere specified" in 1919 and 1914; and "hardware, saddlery," in 1909.⁴ Includes "boxes, wooden packing, except cigar boxes" in all years and "window and door screens and weather strips" in 1919 and 1914.⁵ Includes "perfumery and cosmetics" in all years and "druggists' preparations" in 1914 and 1909.⁶ Includes "bookbinding, and blank-book making" in all years; and "engraving, steel and copper plate, including plate printing" and "lithographing" in 1919.⁷ Includes "bookbinding, and blank-book making" in all years; and "engraving, steel and copper plate, including plate printing" and "lithographing" in 1919.

MANUFACTURES—NEW YORK.

TABLE 58.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

INDUSTRY.	Cen-sus year.	Num-ber of estab-lishments	Wage earners (aver-age num-ber).	Pri-mary horse-power.	Wages.	Cost of mate-rials.	Value of products.	INDUSTRY.	Cen-sus year.	Num-ber of estab-lishments	Wage earners (aver-age num-ber).	Pri-mary horse-power.	Wages.	Cost of mate-rials.	Value of products.
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
RICHMOND BOROUGH—Continued.								ROCHESTER—Con-							
Paint and varnish.....	1919	5	399	1,112	490	3,409	5,519	Electrical machinery, ap-paratus, and supplies.	1919	12	3,665	5,100	4,127	5,420	15,503
	1914	6	553	1,872	345	2,161	3,914		1914	7	977	1,513	649	760	2,459
	1909	5	419	1,195	224	2,333	4,136		1909	9	710	1,283	480	811	1,077
Printing and publishing..	1919	22	67	125	85	128	323	Electroplating.....	1919	5	29	65	39	10	70
	1914	15	64	87	47	39	181		1914	7	26	43	18	8	43
	1909	16	112	86	65	33	173	Flavoring extracts.....	1919	9	36	21	19	188	422
Shipbuilding, wooden, in-cluding boat building.	1919	11	1,484	2,012	2,183	1,882	6,445	Flour-mill and gristmill products.	1919	11	155	3,350	179	7,193	8,080
	1914	8	231	632	134	200	489		1914	10	128	2,637	98	3,795	4,352
Tobacco, cigars.....	1919	12	3	-----	3	13	30		1909	10	110	2,708	75	3,066	3,381
All other industries.....	1919	124	15,634	32,744	21,410	48,663	89,255	Food preparations, not elsewhere specified.	1919	9	56	165	49	330	586
	1914	90	6,363	16,946	3,976	20,576	29,30		1914	9	39	101	18	104	177
	1909	117	5,759	18,420	3,346	15,675	24,824		1909	6	27	42	13	68	116
NIAGARA FALLS ¹	1919	186	12,238	60,319	15,574	51,060	80,247	Foundry and machine-shop products. ²	1919	107	6,034	11,597	7,830	8,482	26,501
All industries.	1914	156	9,390	139,085	6,164	25,425	44,817		1914	100	2,538	4,385	1,864	2,165	7,938
	1909	156	6,080	95,792	3,588	14,271	28,652		1909	89	2,365	2,018	1,610	1,967	5,744
ROCHESTER.....	1910	1,367	63,792	93,333	69,246	164,283	351,416	Fur goods.....	1919	9	126	41	102	193	513
All industries.	1914	1,244	44,113	57,565	26,600	58,530	140,697		1914	6	93	37	65	76	237
	1909	1,203	39,108	30,277	21,518	50,674	112,676		1909	7	88	30	51	112	406
Artificial stone products..	1919	8	45	100	49	58	155	Furniture ³	1910	32	2,350	7,570	2,514	3,543	9,795
	1914	9	92	93	65	98	225		1914	29	1,711	2,517	1,041	1,191	3,459
	1909	9	43	24	24	33	84		1909	27	1,405	1,943	915	1,210	3,087
Automobile bodies and parts.	1919	16	331	258	274	541	1,124	Glass, cutting, staining, and ornamenting.....	1919	9	57	93	56	306	499
	1914	4	139	67	93	198	403		1914	8	92	72	55	225	335
Automobile repairing.....	1919	20	127	72	164	372	717	Hats and caps, other than felt, straw, and wool.	1919	5	39	-----	27	50	104
	1914	4	47	66	29	25	69		1914	6	10	7	13	43	73
Awnings, tents, and sails..	1919	3	46	11	36	114	223	Jewelry.....	1919	7	32	20	24	40	124
	1914	4	59	12	36	71	157		1914	10	45	19	29	32	95
	1909	3	25	13	15	24	55								
Baskets, and rattan and willow ware.	1919	11	16	2	13	27	70	Lamps and reflectors ⁴	1919	4	68	174	50	178	275
	1914	5	17	8	10	18	47		1914	6	342	775	203	379	698
Boots and shoes, includ-ing cut stock and findings.	1919	58	7,220	3,261	7,010	22,183	38,058		1909	8	591	426	209	558	1,106
	1914	47	5,970	3,040	3,205	8,524	14,953								
	1909	56	6,117	1,911	3,038	7,811	13,450	Liquors, malt.....	1919	6	362	2,559	498	923	4,011
Boxes, paper, and other, not elsewhere specified.	1919	22	1,130	684	790	1,407	3,354		1914	8	508	3,171	442	994	4,279
	1914	19	822	763	380	588	1,208		1909	8	301	1,301	300	732	3,012
	1909	15	704	303	253	471	966	Looking-glass and picture frames.	1919	4	129	181	126	65	355
Brass and bronze products	1919	8	160	233	187	582	944		1914	6	98	78	65	30	136
	1914	7	106	148	65	295	430		1909	9	178	107	100	95	281
	1909	4	225	301	110	348	509	Lumber and timber prod-ucts. ⁵	1919	24	800	3,623	824	1,733	3,392
Bread and other bakery products.	1919	156	587	1,297	761	4,191	6,402		1914	27	845	3,495	560	1,185	2,104
	1914	136	684	667	450	1,651	2,718		1900	22	981	2,035	511	1,485	2,455
	1909	110	417	258	297	1,350	2,109	Marble and stone work...	1919	8	43	43	42	90	188
Buttons.....	1919	4	1,500	1,720	1,168	1,306	3,802		1914	8	63	195	42	58	146
	1914	4	1,076	1,267	571	445	1,610		1909	4	78	180	75	76	198
	1909	4	1,423	1,126	538	529	1,821	Mattresses and spring beds, not elsewhere specified.	1919	5	49	116	43	106	288
Clothing, men's.....	1919	137	9,100	1,317	9,695	20,617	40,302		1914	5	37	108	21	73	123
	1914	148	8,585	1,235	4,026	8,724	19,700		1900	11	41	50	40	65	156
	1909	106	7,732	1,007	3,800	8,682	18,879	Models and patterns, not including paper pat-tterns.	1919	10	55	78	70	19	144
Clothing, women's.....	1919	14	142	22	136	132	525		1914	7	22	30	10	6	55
	1914	5	52	6	12	30	68	Patent medicines and compounds and drug-gists' preparations. ⁶	1919	38	216	175	133	875	1,808
									1914	33	98	96	44	320	788
Coffee and spice, roasting and grinding.	1919	6	317	838	292	2,884	3,517		1909	32	116	83	48	324	881
	1914	4	10	37	9	92	129	Photographic apparatus..	1919	5	795	440	712	664	1,897
	1909	6	113	192	43	511	673		1914	7	588	470	344	328	943
Confectionery and ice cream.	1919	38	536	644	447	1,024	3,798	Printing and publishing ⁷ .	1919	138	2,310	2,905	2,616	4,104	11,427
	1914	29	491	741	244	874	1,897		1914	128	2,114	2,702	1,476	2,190	6,688
Copper, tin, and sheet-iron work.	1919	36	272	146	295	553	1,314		1909	123	1,873	2,241	1,172	1,020	5,128
Cutlery and tools, not elsewhere specified.	1919	25	242	575	313	134	600	Sausage, not made in slaughtering and meat-packing establish-ments.	1919	12	36	230	53	742	919
	1914	9	85	406	63	44	152		1914	11	16	50	9	115	140
	1909	11	100	648	66	35	162	Packing establish-ments.	1909	15	25	129	14	112	153

¹ Comparative statistics by industries for 1914 and 1909 not available.² Includes "hardware," "iron and steel, welding"; "machine tools"; "plumbers' supplies, not elsewhere specified"; and "structural iron work, not made in steel works or rolling mills," in all years; "engines, steam, gas, and water" and "pumps, steam and other power," in 1919 and 1914; and "gas machines and gas and water meters" and "steam fittings and steam and hot-water heating apparatus" in 1914 and 1909.³ Includes "refrigerators" in 1909.⁴ Includes "gas and electric fixtures" in 1909.⁵ Includes "boxes, wooden packing, except cigar boxes," and "lumber, planing-mill products, not including planing mills connected with sawmills."⁶ Includes "perfumery and cosmetics."⁷ Includes "bookbinding and blank-book making"; "engraving, steel and copper plate, including plate printing"; and "lithographing."

MANUFACTURES—NEW YORK.

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TABLE 58.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

INDUSTRY.	Cen-	Num-	Wage	Pri-	Wages.	Cost of	Value of	INDUSTRY.	Cen-	Num-	Wage	Pri-	Wages.	Cost of	Value of
year.	estab-	(aver-	power.	power.	Expressed in thousands	lish-	(aver-	power.	power.	of dollars.					
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
ROCHESTER —Con.								SYRACUSE —Con.							
Stoves and hot-air furnaces.	1919	3	431	635	530	603	1,794	Carriages and wagons, including reparts. ²	1919	3	43	85	49	54	127
	1914	3	235	387	159	109	433		1914	12	209	419	155	193	447
Tobacco manufactures....	1919	54	230	24	198	293	822		1909	13	245	293	170	268	593
	1914	85	158	21	91	193	474	Clothing, men's ³	1919	22	925	213	760	2,510	4,373
	1909	94	209	15	108	189	512		1914	39	1,254	232	550	1,304	2,498
Typewriters and supplies.	1919	9	116	153	140	1,371	2,448		1909	59	1,630	161	694	1,718	3,461
	1914	7	69	139	59	229	935	Cooperage.....	1919	3	7	15	9	48	62
	1909	8	64	171	42	202	591		1914	7	29	58	20	46	88
Wood, turned and carved.	1919	8	8	30	13	5	24	Copper, tin, and sheet-iron products. ⁴	1919	19	73	28	70	126	320
	1914	8	10	18	10	5	34		1914	10	605	446	397	852	1,450
All other industries.....	1919	255	23,783	42,616	26,567	69,741	154,121		1909	9	339	298	203	681	1,001
	1914	228	14,777	25,533	9,186	21,980	58,923	Electroplating.....	1919	5	28	55	32	15	71
	1909	298	12,835	17,117	7,457	18,082	44,905		1914	7	33	41	20	6	42
SCHEECTADY	1919	131	21,062	114,102	28,316	45,851	106,531	Foundry and machine-shop products. ⁵	1919	70	3,225	5,946	3,782	5,273	13,657
All industries.	1914	185	17,707	61,584	12,813	22,521	48,763		1914	68	2,038	3,078	1,376	1,671	4,491
	1909	134	14,031	49,181	10,002	21,952	38,165		1909	72	2,728	3,594	1,518	2,276	5,891
Bread and other bakery products.	1919	35	194	262	281	974	1,470	Furniture ⁶	1919	9	444	648	430	531	1,504
	1914	36	143	123	100	402	590		1914	15	305	643	228	247	674
	1909	27	102	39	69	263	403		1909	17	366	500	197	258	662
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	3	56	162	82	349	549	Jewelry.....	1919	8	6	7	7	10	36
	1914	3	54	233	41	167	236		1914	10	15	9	11	7	37
	1909	5	84	304	52	218	316	Knit goods.....	1919	4	457	360	303	1,167	1,775
Marble and stone work, except slate.	1919	3	8	65	13	19	64		1914	5	389	340	133	488	848
	1914	4	20	83	20	25	60		1909	5	383	330	131	537	969
	1909	4	58	108	28	57	120	Liquors, malt.....	1919	5	353	2,628	326	1,053	4,110
Mineral and carbonated waters.	1919	9	15	69	14	29	71		1914	7	369	2,270	314	883	3,533
	1914	9	21	26	15	31	63		1909	8	271	1,783	253	680	2,460
	1909	8	24	36	13	25	80	Lumber and timber products. ⁷	1919	14	220	870	226	1,195	1,729
Printing and publishing, newspapers and periodicals. ⁸	1919	10	139	189	158	155	673		1914	17	235	1,131	182	492	873
	1914	13	116	171	91	83	376		1909	18	318	1,059	183	649	1,003
	1909	18	219	299	145	173	550	Marble and stone work, except slate.	1919	8	14	73	24	54	123
Sausage, not made in slaughtering and meat-packing establishments.	1919	3	8	50	8	18	32		1914	11	25	88	21	44	121
	1914	7	15	85	12	103	129	Mattresses and spring beds, not elsewhere specified.	1919	4	72	62	54	268	429
All other industries.....	1919	68	20,642	113,305	27,760	44,307	103,672		1914	6	60	46	23	110	189
	1914	113	17,338	60,863	12,534	21,710	47,309	Models and patterns, not including paper patterns.	1919	7	51	40	71	23	150
	1909	72	14,444	48,805	9,035	21,216	36,696		1914	8	45	56	28	19	78
SYRACUSE	1919	643	28,153	49,541	31,858	74,683	150,001	Patent medicines and compounds and drugists' preparations. ⁹	1919	17	51	52	43	368	731
All industries.	1914	742	17,551	26,109	11,031	23,751	52,184		1914	28	56	74	25	116	328
	1909	738	18,148	20,766	10,422	21,776	49,355		1909	24	140	239	64	239	850
Artificial stone products..	1919	9	102	284	118	88	277	Pickles and sauces.....	1919	4	2	2	1	11	15
	1914	10	46	104	17	39	120		1914	4	10	-----	5	38	68
Automobile bodies and parts.	1919	11	4,516	9,175	5,781	10,233	21,835	Printing and publishing ⁹ .	1919	80	798	985	810	1,877	4,714
	1914	8	583	1,066	417	696	1,887		1914	88	837	1,069	732	2,459	2,032
Awnings, tents, and sails.	1919	3	21	11	15	61	100		1909	84	723	821	444	611	2,032
	1914	3	25	31	15	35	68	Saddlery and harness.....	1919	6	19	8	23	75	128
Boxes, set-up paper boxes.	1919	4	254	220	167	284	613		1914	13	35	24	25	88	184
	1914	4	187	108	62	117	216	Slaughtering and meat packing. ¹⁰	1919	3	50	201	51	826	991
	1909	4	164	53	49	87	164		1914	4	44	129	27	325	381
Brass, bronze, and copper products.	1919	7	61	139	73	258	446	Tobacco manufactures ¹¹ ..	1919	47	272	29	213	556	1,001
	1914	12	142	218	101	368	597		1914	72	329	47	178	242	612
	1909	10	203	184	131	387	683		1909	80	454	58	247	403	941
Bread and other bakery products.	1919	68	526	552	595	3,019	4,823	Wall plaster and composition flooring.	1919	3	106	400	108	254	478
	1914	87	562	336	352	1,330	2,353		1914	3	94	323	48	150	278
	1909	83	401	267	240	1,072	1,832	All other industries.....	1919	195	15,027	25,960	17,359	42,779	82,936
Candles.....	1919	5	430	433	340	1,067	2,537		1914	181	8,574	12,924	5,533	12,291	26,081
	1914	5	306	139	144	822	1,287		1909	243	9,468	10,979	5,767	10,938	25,621
	1909	5	275	107	104	688	1,092								

¹ Includes "bookbinding and blank-book making" and "printing and publishing, book and job" in 1909.² Includes "carriage and wagon materials" in 1914 and 1909.³ Includes "shirts" in 1909.⁴ Includes "tinware, not elsewhere specified," in 1914 and 1909, and "stamped and enameled ware, not elsewhere specified," in 1909.⁵ Includes "hardware"; "iron and steel, welding"; "machine tools"; "plumbers' supplies, not elsewhere specified"; "steam fittings and steam and hot-water heating apparatus"; "structural ironwork, not made in steel works or rolling mills"; and "textile machinery and parts" in all years; "engines, steam, gas, and water," in 1919 and 1914; "hardware, saddlery" in 1914 and 1909; and "pumps, steam and other power" in 1914.⁶ Includes "refrigerators" in 1909.⁷ Includes "lumber, planing-mill products, not including planing mills connected with sawmills," in all years; "boxes, wooden packing, except cigar boxes"; and "window and door screens" in 1919 and 1914.⁸ Includes "perfumery and cosmetics."⁹ Includes "bookbinding and blank-book making" in all years; "engraving, steel and copper plate, including plate printing," in 1919 and 1914; and "lithographing" in 1914 and 1909.¹⁰ Includes "sausage, not made in slaughtering and meat-packing establishments," in 1914 and 1909.¹¹ Includes "tobacco, chewing and smoking, and snuff" in 1914 and 1909.

MANUFACTURES—NEW YORK.

TABLE 58.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

INDUSTRY.	Cen-	Num-	Wage	Pri-	Wages.	Cost of	Value of	INDUSTRY.	Cen-	Num-	Wage	Pri-	Wages.	Cost of	Value of	
	year.	estab-	age	horse-	num-	Expre-	Expre-		year.	estab-	age	horse-	num-	Expre-	Expre-	
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.																
TROY								UTICA —Continued.								
All industries.	1919	253	15,929	18,770	12,370	35,796	74,837	Clothing, men's.	1919	18	887	303	776	1,833	4,246	
	1914	304	17,421	19,483	8,768	17,618	39,930		1914	16	1,217	412	607	1,275	2,656	
	1909	365	20,102	18,997	9,440	10,697	30,293		1909	24	1,302	475	651	1,611	3,070	
Awnings, tents, and sails.	1910	3	3	3	1	6	14	Copper, tin, and sheet-iron work.	1910	11	62	2	63	117	237	
	1914	5	9	3	4	11	24		1914	4	7	—	5	8	16	
Boxes, set-up paper boxes.	1910	5	278	190	157	355	617	Food preparations, macaroni, vermicelli, noodles, and sweetening sirups, other than cane.	1919	10	36	217	83	222	292	
	1914	6	333	221	140	214	469	Foundry and machine-shop products. ^a	1914	17	340	495	430	1,065	1,892	
	1909	7	348	255	155	179	434		1914	17	220	305	144	245	520	
Bread and other bakery products.	1910	25	276	205	294	1,299	1,800		1909	21	932	1,231	496	1,298	2,192	
	1914	38	236	222	191	758	1,144									
	1909	36	171	82	116	479	724									
Brushes.	1910	12	489	560	367	693	1,522	Knit goods.	1909	19	5,571	7,232	4,491	12,328	22,008	
	1914	15	362	485	191	380	804		1914	18	4,908	6,298	2,145	5,535	9,476	
	1909	18	561	380	274	345	959		1909	15	4,503	3,626	1,751	4,005	8,054	
Clothing, men's, button-holes.	1910	3	19	10	18	3	27	Liquors, malt.	1910	4	180	1,104	206	538	1,236	
	1914	4	20	5	6	1	10		1914	5	207	1,236	199	905	1,035	
Collars and cuffs, men's.	1910	13	9,428	4,322	6,295	17,239	42,900		1909	5	172	704	127	351	1,393	
	1914	15	8,908	3,388	3,981	5,782	16,703	Marble and stone work.	1910	6	11	41	16	20	82	
	1909	21	9,776	2,419	4,949	4,780	13,039		1914	7	22	140	14	47	84	
Copper, tin, and sheet-iron work.	1910	4	10	—	11	13	34	Mineral and carbonated waters.	1910	4	10	18	8	30	60	
	1914	10	31	—	20	35	84		1914	5	18	14	11	24	44	
Foundry and machine-shop products. ¹	1910	18	765	998	976	1,448	3,323	Printing and publishing ⁴ .	1910	30	340	613	308	401	1,540	
	1914	21	782	1,120	533	583	1,679		1914	29	386	498	226	246	982	
	1909	28	883	1,446	507	710	1,953		1909	27	295	533	180	222	861	
Liquors, malt.	1910	4	173	787	192	533	1,560	Tobacco, cigars ⁵ .	1910	26	32	4	25	53	114	
	1914	8	292	1,806	277	833	2,764		1914	34	90	2	55	66	189	
	1909	10	320	1,382	243	049	2,400		1909	43	161	64	80	169	453	
Marble and stone work, except slate.	1910	5	14	33	17	15	62	All other industries.	1910	151	8,335	20,582	9,058	23,221	42,238	
	1914	7	10	57	8	18	46		1914	115	5,130	15,514	2,805	7,533	12,847	
Mineral and soda waters.	1910	6	25	11	26	59	100		1909	136	5,503	15,004	2,588	8,045	14,026	
	1914	6	35	11	26	32	75									
Patent medicines and compounds.	1910	5	1	2	1	6	19	YONKERS .	1910	218	11,032	19,480	14,002	106,460	140,017	
	1914	6	2	4	1	7	22	All industries.	1914	180	12,650	20,320	6,455	52,108	67,223	
									1909	158	12,711	16,978	6,720	43,202	59,334	
Printing and publishing ² .	1910	21	316	197	247	291	998	Bread and other bakery products.	1910	38	96	62	138	540	949	
	1914	27	319	376	227	228	885		1914	36	117	45	89	261	489	
	1909	33	312	439	204	248	969		1909	28	125	13	80	327	598	
Tobacco, cigars.	1910	20	139	—	107	173	381	Copper, tin, and sheet-iron work.	1910	14	31	12	30	62	170	
	1914	35	192	2	112	147	384		1914	16	50	14	42	50	118	
	1909	37	281	—	166	245	579		1909	13	34	3	20	25	75	
All other industries.	1910	100	3,903	11,443	3,061	13,663	21,474	Foundry and machine-shop products. ^a	1910	19	1,740	2,870	2,168	2,884	6,415	
	1914	155	5,830	11,693	3,042	8,619	14,837		1914	15	1,205	3,905	906	1,691	3,648	
	1909	175	7,493	12,594	3,636	9,062	17,030		1909	10	1,346	1,952	925	1,057	2,837	
UTICA								Marble and stone work, except slate.	1910	5	5	2	8	9	31	
All industries.	1910	370	16,423	40,419	16,255	42,209	77,746		1914	7	15	3	10	27	67	
	1914	306	12,714	25,044	6,545	16,853	30,490									
	1909	317	13,153	21,874	5,964	16,646	31,199	Mineral and soda waters.	1910	6	11	20	19	23	70	
Artificial stone products.	1910	3	15	28	18	34	68		1914	5	10	18	11	21	41	
	1914	4	25	38	15	23	53									
Automobile bodies and parts.	1910	8	292	265	398	683	1,266	Printing and publishing ⁷ .	1910	17	121	114	152	234	876	
	1914	8	282	345	197	487	910		1914	22	114	118	100	73	560	
Brass and bronze products.	1910	4	117	168	117	221	365		1900	18	103	91	74	68	280	
	1914	5	8	45	6	18	41	Tobacco, cigars.	1910	16	5	—	4	15	37	
Bread and other bakery products.	1910	52	186	287	248	1,344	2,008		1914	19	10	—	6	11	30	
	1914	38	150	118	100	383	644									
	1909	46	135	58	79	345	541	All other industries.	1910	103	9,923	16,301	11,474	102,683	131,469	
									1914	66	11,021	16,166	6,282	49,074	82,270	
									1909	89	11,103	14,919	5,012	41,725	55,644	

¹ Includes "belts"; "steam fittings and steam and hot-water heating apparatus"; and "structural ironwork, not made in steel works or rolling mills" in 1909.² Includes "bookbinding and blank-book making"; "lithographing"; and "printing and publishing, music" in 1909.³ Includes, "structural ironwork, not made in steel works or rolling mills," and "textile machinery and parts" in all years, and "steam fittings and steam and hot-water heating apparatus" in 1909.⁴ Includes "engraving, steel and copper plate, including plate printing" in 1909.⁵ Includes "tobacco, chewing and smoking, and snuff" in 1909.⁶ Includes "structural ironwork, not made in steel works or rolling mills," and "iron and steel, welding" in all years, and "automobile repairing" in 1910 and 1914.⁷ Includes "bookbinding and blank-book making" in 1909.

MANUFACTURES—NEW YORK.

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TABLE 58.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

INDUSTRY.	Cen-sus-year.	Num-ber of estab-lishments	Wage earners (aver-age num-ber).	Pri-mary horse-power.	Wages.	Cost of mate-rials.	Value of prod-ucts.	INDUSTRY.	Cen-sus-year.	Num-ber of estab-lishments	Wage earners (aver-age num-ber).	Pri-mary horse-power.	Wages.	Cost of mate-rials.	Value of prod-ucts.
CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.															
AMSTERDAM.....	1919	117	10,713	10,299	9,737	30,716	52,851	MIDDLETOWN.....	1919	78	2,162	5,163	2,155	4,877	9,803
	1914	117	10,774	10,278	4,998	13,149	22,475		1914	77	1,989	3,384	1,073	2,574	4,443
	1909	97	10,284	11,745	4,823	13,195	22,449		1909	59	1,733	2,548	902	2,905	4,658
AUBURN.....	1919	154	7,272	20,277	7,001	23,870	40,642	MOUNT VERNON.....	1919	159	2,746	2,343	2,985	4,942	12,003
	1914	123	5,769	15,033	3,578	9,790	16,686		1914	133	1,346	1,777	842	1,284	3,167
	1909	140	6,497	15,455	3,157	8,937	15,961		1909	90	1,207	1,610	802	1,286	3,376
BATAVIA.....	1919	45	2,226	5,398	2,191	4,828	9,415	NEW ROCHELLE.....	1919	69	1,293	1,521	1,191	1,871	4,406
	1914	57	2,457	5,006	1,921	2,423	5,340		1914	61	870	781	567	853	1,736
	1909	59	2,007	3,204	960	1,781	4,401		1909	42	735	620	482	814	1,669
BEACON.....	1919	35	2,162	4,155	2,131	4,856	9,650	NEWBURGH.....	1919	101	5,389	9,891	5,623	16,574	29,872
	1914	41	1,806	3,797	958	1,742	3,520		1914	128	4,318	6,054	2,204	5,274	9,987
	1909	101	8,127	14,181	8,357	7,106	13,518		1909	103	4,198	4,627	2,093	4,706	8,651
COHOES.....	1919	93	5,013	18,578	4,332	11,695	21,551	NORTH TONAWANDA.....	1919	65	4,366	20,217	5,346	14,995	25,431
	1914	106	5,781	18,495	2,792	6,570	11,706		1914	74	3,574	11,784	1,956	6,085	10,040
	1909	101	8,127	14,181	8,357	7,106	13,518		1909	81	2,824	15,888	1,552	6,399	9,800
CORNING.....	1919	45	3,517	3,710	4,529	3,382	10,774	OGDENSBURG.....	1919	57	757	2,653	508	3,510	5,155
	1914	58	2,203	2,521	1,473	1,533	3,954		1914	71	898	2,734	417	2,103	3,401
	1909	45	2,074	1,488	1,038	864	3,050		1909	75	1,259	3,404	517	3,508	4,948
CORTLAND.....	1919	59	3,013	9,999	3,056	8,132	14,903	OLEAN.....	1919	60	4,660	8,595	5,533	22,988	32,121
	1914	59	2,459	9,226	1,474	3,559	6,438		1914	53	2,033	6,470	1,866	10,055	11,577
	1909	51	2,356	6,661	1,302	3,574	6,395		1909	54	2,259	5,202	1,339	7,723	10,005
DUNKIRK.....	1919	69	4,319	15,577	5,721	13,882	28,028	ONEONTA.....	1919	31	1,657	2,883	1,848	2,886	5,620
	1914	62	2,989	7,250	2,108	4,064	8,367		1914	36	1,337	2,107	778	1,239	2,373
	1909	57	2,756	5,194	1,414	3,208	6,576								
ELMIRA.....	1919	142	8,024	20,247	8,989	14,138	33,494	OSSINING.....	1919	31	387	1,036	369	1,085	2,301
	1914	145	4,870	9,725	2,889	5,987	12,597		1914	32	373	760	226	424	1,120
	1909	154	3,647	6,672	1,882	3,590	8,067		1909	34	356	988	243	460	1,329
FULTON.....	1919	48	8,627	29,615	4,007	16,333	28,096	OSWEGO.....	1919	69	4,470	12,723	4,366	13,797	25,212
	1914	51	3,042	24,690	1,736	5,940	9,572		1914	70	4,331	10,050	2,216	8,057	12,650
	1909	45	2,790	17,983	1,298	4,857	7,567		1909	81	3,817	9,753	1,813	6,103	10,413
GENEVA.....	1919	48	2,428	5,205	2,465	4,361	10,219	PEEKSKILL.....	1919	66	2,066	8,684	1,969	5,501	10,624
	1914	52	1,692	2,947	1,054	3,285	5,241		1914	53	1,781	6,233	1,075	3,043	8,301
	1909	56	1,526	2,705	792	2,991	5,154		1909	52	2,063	3,133	1,241	2,942	7,940
GLEN'S FALLS.....	1919	75	2,784	23,760	2,200	6,291	11,503	PLATTSBURG.....	1919	39	787	5,183	738	2,227	4,015
	1914	82	2,532	19,727	1,286	3,541	6,535		1914	39	822	5,207	479	1,083	1,884
	1909	68	2,774	6,772	1,223	3,209	4,877		1909	41	1,049	5,739	513	1,745	3,138
GLOVERSVILLE.....	1919	206	5,612	8,331	5,443	22,370	38,913	PORT CHESTER.....	1919	49	2,085	5,923	2,901	10,224	17,139
	1914	211	5,335	4,790	2,577	7,885	13,384		1914	50	2,278	3,144	1,071	4,365	6,741
	1909	187	5,741	6,163	2,791	8,062	14,171		1909	34	2,122	3,175	1,040	4,554	6,243
HORNELL.....	1919	43	1,851	8,302	1,580	3,269	7,339	POUGHKEEPSIE.....	1919	156	5,935	9,824	5,798	13,467	28,909
	1914	46	2,285	3,630	1,263	2,260	4,848		1914	176	4,729	6,634	2,284	6,115	12,791
	1909	45	2,183	3,349	1,048	1,878	3,648		1909	110	3,268	3,151	1,644	3,815	9,037
HUDSON.....	1919	58	1,481	2,443	1,252	4,220	7,514	RENSSELAER.....	1919	22	1,363	3,829	1,550	4,784	9,800
	1914	48	1,423	1,839	735	2,225	3,737		1914	32	811	1,227	558	1,423	2,755
	1909	45	1,302	1,515	576	2,063	3,507		1909	33	763	1,203	364	1,166	2,296
ITHACA.....	1919	72	1,690	3,176	1,889	5,183	9,935	ROME.....	1919	71	4,428	17,874	5,062	23,372	34,868
	1914	74	815	3,262	509	353	2,344		1914	95	3,937	12,931	2,088	12,463	16,730
	1909	81	873	3,045	439	840	1,920		1909	119	3,633	8,844	1,851	10,203	14,423
JAMESTOWN.....	1919	153	8,559	17,313	8,465	17,916	37,985	SARATOGA SPRINGS.....	1919	40	855	1,190	703	1,889	4,093
	1914	162	7,794	18,284	4,585	8,896	17,961		1914	51	860	1,422	494	1,416	2,993
	1909	156	6,780	11,679	8,305	7,384	14,720		1909	39	833	1,718	464	883	2,337
JOHNSTOWN.....	1919	112	2,664	4,241	2,248	11,334	17,503	WATERTOWN.....	1919	82	3,914	13,970	4,156	9,847	19,037
	1914	120	2,632	3,107	1,220	3,841	6,789		1914	91	3,148	13,455	1,835	5,109	9,284
	1900	138	2,589	3,410	1,175	3,925	6,574		1909	107	3,291	13,543	1,798	3,821	8,527
KINGSTON.....	1919	121	3,903	5,987	3,513	8,359	15,857	WATERVLIET.....	1919	34	1,600	9,680	1,508	4,335	8,503
	1914	118	3,076	4,727	1,334	2,940	6,445		1914	40	1,759	973	368	805	1,612
	1909	98	3,281	4,648	1,306	2,582	5,986		1909	36	753	904	302	816	1,669
LITTLE FALLS.....	1919	51	3,688	8,730	3,735	15,334	24,852	WHITE PLAINS.....	1919	58	329	617	393	847	1,753
	1914	49	3,823	8,442	1,961	6,153	9,927		1914	44	316	472	219	358	990
	1909	55	4,211	7,742	1,965	4,923	8,460		1909	33	249	404	180	372	816
LOCKPORT.....	1919	108	4,074	19,399	4,723	18,075	29,303								
	1914	117	2,381	16,382	1,416	5,846	8,955								
	1909	109	2,138	14,335	1,130	5,350	8,168								

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establish-ments	PERSONS ENGAGED IN THE INDUSTRY.						WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.							
		Total.	Propri- tors and firm mem- bers.	Sala- ried offi- cers, super- in- tend- ents, and man- agers.	Clerks, etc.			Wage earners.			Total.	16 and over.		Under 16.	
					Male.	Fe- male.	Aver- age num- ber.	Number, 15th day of—		Male.	Fe- male.	Male.	Fe- male.		
								Maximum month.	Minimum month.					Capital.	
THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.															
1 All industries.....	49,330	1,524,761	49,484	64,198	111,573	71,376	1,228,130	De 1,311,087	Ja 1,179,216	(*)	(*)	(*)	(*)	(*)	Dollars, 6,012,082,567
2 Agricultural implements.....	40	5,539	25	259	488	141	4,626	Fo 5,341	Oc 3,779	5,268	5,134	134	.....	.....	27,473,112
3 Airplanes, seaplanes, and airships, and parts.....	10	2,399	2	42	181	101	2,073	Ja 3,275	De 1,497	1,056	1,824	127	5	.....	8,608,970
4 Artificial flowers.....	157	3,551	176	113	163	68	3,031	Ap 3,172	Je 2,871	3,101	880	2,274	7	4,889,003	.....
5 Artificial limbs.....	24	151	20	12	11	9	99	Ja 115	De 90	91	82	4	5	.....	385,003
6 Artificial stone products.....	143	780	128	65	36	12	530	Oc 707	Fe 325	764	764	.....	.....	2,880,757	.....
7 Artists' materials.....	17	91	13	9	2	7	60	.....	.....	72	39	33	.....	.....	187,834
8 Crayons.....	6	25	7	1	1	1	16	(*)	16	16	10	8	8	.....	44,074
9 All other.....	11	66	6	9	1	6	44	De 55	Mh 37	56	31	25	.....	.....	93,769
10 Asbestos products, not including steam packing.....	5	35	3	5	2	4	21	My ^a 22	Jy ^b 20	21	18	3	.....	.....	51,520
11 Automobile bodies and parts.....	316	18,168	266	792	763	658	15,680	Oc 16,725	Je 14,237	17,446	16,548	880	12	6	50,701,593
12 Automobiles.....	28	18,318	1	840	1,763	920	14,704	Oc 16,464	Mh 12,672	15,348	15,006	336	0	.....	71,718,920
13 Automobile repairing.....	999	8,815	981	457	652	528	6,197	Au 6,528	Ja 5,552	6,449	6,413	34	2	.....	16,134,507
14 Awnings, tents, and sails.....	192	1,411	189	96	79	63	984	Ja 1,236	Sc 822	937	689	243	5	.....	3,088,136
15 Babbitt metal and solder.....	34	950	23	58	136	52	687	.....	.....	701	648	131	7	5	4,420,109
16 Babbitt metal.....	11	239	11	15	55	18	137	De 150	Fe 125	151	140	4	1	.....	1,748,191
17 White metal.....	6	77	2	10	14	11	40	De 48	Ja 31	47	47	47	.....	.....	388,219
18 Type metal and solder.....	17	640	10	33	64	23	510	De 502	Fe 462	503	455	127	6	5	2,333,609
19 Bags, other than paper, not including bags made in textile mills.....	56	1,879	47	88	108	68	1,568	No 1,858	Fe 1,372	1,841	769	1,071	.....	1	8,920,742
20 Bags, paper, exclusive of those made in paper mills.....	23	1,510	17	81	78	45	1,289	Oc 1,480	Ap 1,123	1,473	634	766	33	40	8,127,359
21 Baskets, and rattan and willow ware.....	153	1,004	161	39	19	23	762	Je 841	No 624	839	594	241	3	1	2,350,472
22 Belting, leather.....	37	934	27	54	142	51	680	Ja 702	Ap 623	677	642	34	1	.....	6,501,653
23 Billiard tables, bowling alleys, and accessories.....	19	184	17	24	21	7	115	De 138	Ja 99	132	126	5	1	.....	508,929
24 Blacking, stains, and dressings.....	41	1,368	21	103	228	90	926	Au 972	Ja 827	945	401	442	1	11	5,066,120
25 Bluing.....	8	39	4	4	1	2	28	Fe 37	No ^b 23	39	13	26	.....	.....	53,208
26 Bookbinding and blank-book making.....	307	10,429	395	407	567	547	8,513	De 8,800	Ja 8,306	9,819	4,446	5,268	55	50	18,211,949
27 Boot and shoe cut stock.....	18	445	17	21	19	10	378	De 397	My 360	405	259	144	2	1	1,721,884
28 Boot and shoe findings.....	77	888	81	62	39	31	675	De 780	Ja 587	784	588	188	6	2	1,073,503
29 Boots and shoes, not including rubber boots and shoes.....	340	38,549	253	1,224	1,022	1,340	34,710	.....	.....	37,416	25,003	11,270	204	150	105,105,223
30 Regular factories.....	304	37,740	220	1,178	965	1,303	34,074	Se 30,085	Mh 30,104	30,054	25,319	10,802	203	150	102,970,200
31 Contract work.....	5	22	6	.....	.....	16	(*)	16	(*)	16	13	2	1	.....	7,040
32 Stitching, buttonholes, and foot-wear, other than boots and shoes.....	31	787	27	46	57	37	620	De 747	My 555	746	361	385	.....	.....	2,127,963
33 Boxes, cigar.....	31	1,037	29	39	26	10	933	De 974	Au 872	902	521	437	2	2	1,185,712
34 Boxes, paper and other, not elsewhere specified.....	387	16,655	310	750	562	518	14,509	.....	.....	15,852	6,822	8,803	84	143	34,027,864
35 Shipping containers, corrugated and fiber.....	34	1,883	14	111	128	72	1,558	De 1,735	Ja 1,430	1,742	1,051	671	0	11	6,357,788
36 Set-up paper boxes.....	315	11,216	266	512	191	313	9,934	De 10,923	Se 8,640	10,034	3,627	7,110	70	127	15,064,890
37 Cartons.....	25	2,894	16	96	228	112	2,442	Ja 2,651	Se 2,200	2,504	1,809	692	1	2	11,720,890
38 Paper cans and tubes.....	5	481	5	26	15	15	420	Jy 532	Fe 286	407	280	214	3	.....	842,947
39 All other.....	8	181	9	11	6	6	155	No 177	Jy 134	175	55	110	1	3	335,349
40 Boxes, wooden packing, except cigar boxes.....	162	3,274	166	169	105	62	2,772	No 3,010	Se 2,585	3,038	2,851	140	46	1	9,412,627
41 Brass, bronze, and copper products.....	213	12,301	155	488	512	400	10,746	De 12,510	Jy 8,245	12,006	11,132	1,426	11	37	49,827,746
42 Bread and other bakery products.....	3,697	38,288	4,180	1,07	3,053	1,417	28,541	.....	.....	20,880	22,670	7,120	60	24	96,114,319
43 Biscuit and crackers.....	29	11,242	15	312	1,132	252	9,531	Ja 9,044	My 9,261	9,467	4,953	4,495	7	12	37,203,858
44 All other.....	3,868	27,046	4,165	785	1,921	1,165	10,010	De 19,960	Ja 18,225	20,413	17,723	2,025	53	12	58,010,961
45 Brick and tile, terra-cotta, and fire-clay products.....	118	3,620	80	187	68	30	3,246	.....	.....	4,045	4,031	14	.....	.....	16,775,766
46 Building brick.....	95	2,938	74	141	40	21	2,662	Jy 4,011	Fe 818	3,305	3,304	1	.....	.....	12,874,976
47 Fire brick.....	5	245	9	10	4	222	De ^c 224	Ja 218	222	.....	.....	.....	.....	.....	1,246,281
48 Sewer pipe and drainpipe.....	8	89	3	11	1	2	72	Oc 106	Mh ^c 82	73	72	1	.....	.....	611,155
49 Stove lining, terra-cotta, and all other products.....	10	343	3	26	17	12	290	Oc 430	Ja 388	445	433	12	.....	.....	2,013,354
50 Brooms.....	67	1,186	62	55	66	23	980	.....	.....	1,063	1,003	60	.....	.....	2,601,055
51 From broom corn.....	60	1,160	55	53	64	22	966	No 1,040	Mh 867	1,045	988	57	.....	.....	2,484,388
52 All other.....	7	26	7	2	2	1	14	De ^c 17	Ja 6	18	15	3	.....	.....	116,667
53 Brushes.....	120	2,250	103	133	145	79	1,799	.....	.....	1,009	1,312	500	4	3	5,447,792
54 Toilet.....	27	951	13	55	77	29	780	Ja 850	Jy 738	801	515	285	1	.....	1,872,920
55 Paint and varnish.....	18	367	16	19	26	14	202	Ja 319	Ja 273	308	200	94	2	3	1,233,709
56 All other.....	75	938	74	59	42	36	727	Ja 1,036	Ja 582	800	588	211	1	.....	2,341,073
57 Butter.....	123	569	73	79	29	38	350	Ja 423	De 271	374	363	20	1	.....	2,420,164
58 Buttons.....	243	7,667	272	243	250	334	6,568	No 7,016	In 6,037	6,994	3,086	3,239	20	43	11,457,051
59 Candles.....	15	628	12	36	24	18	513	No 588	My 460	585	235	339	4	7	3,948,329
60 Canning and preserving, fish.....	15	178	11	17	36	7	107	Ja 122	Au 111	92	116	84	12	11	9,930,238
61 Canning and preserving, fruits and vegetables.....	515	5,935	499	356	114	152	4,835	.....	.....	11,015	4,900	5,974	65	70	23,707,470
62 Canned vegetables.....	91	3,294	30	234	85	101	2,844	Se 6,810	Fe 582	5,908	3,061	2,708	65	74	15,155,927
63 Canned fruits.....	42	1,628	28	85	25	42	1,448	Se 3,035	Mh 336	2,491	936	1,554	.....	1	667,489
64 Dried fruits.....	382	1,033	411	36	4	9	543	Oc 2,719	Ja 12	2,616	903	1,712	.....	1	1,884,054
65 Card cutting and designing.....	28	505	27	25	26	21	406	Au 443	Ja 313	418	183	228	1	.....	808,931
66 Carpets and rugs, other than rag.....	10	9,440	3	134	166	64	9,073	De 10,581	Ja 7,307	10,581	195	139	56	1	44,492,445
67 Carpets, rug.....	33	243	28	16	16	9	174	De 194	Fe 150	150	139	56	1	.....	25,027,029
68 Carriage and wagon materials.....	18	295	18	11	7	18	241	No 290	Ja 173	200	273	15	2	1	1,018,844
69 Carriages and sleds, children's.....	28	728	26	33	29	18	622	No 694	Ja 503	601	410	41</			

MANUFACTURES—NEW YORK.

COMBINED AND SPECIFIED INDUSTRIES: 1919.

EXPENSES.						POWER.					
Salaries and wages.			Rent and taxes.		For materials.		Value of products.	Value added by manufacture.	Primary horsepower.		
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.		Total.	Rent-ed. ²	
									Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

Dollars. 248,707,927	Dollars. 264,839,976	Dollars. 1,453,206,804	Dollars. 211,490,582	Dollars. 66,165,498	Dollars. 250,322,316	Dollars. 4,730,956,952	Dollars. 162,256,967	Dollars. 8,867,004,006	Dollars. 3,023,790,087	2,936,530	1,050,738	248,810	113,415	34,802,3	1,180,544	512,861	1	
708,142 304,832	817,813 715,835	5,311,978 3,026,136	4,921 38,321	23,076 572,855	507,164 5,071,797	9,432,590 141,920	20,421,368 10,314,338	10,481,614 5,104,621	12,736 1,506	5,619 200	1,512 1,200	601 1,308	1,696 1,308	3,308 500	5,794 500	2	3	
155,635 19,058	886,675 18,535	3,030,149 68,333	675,087 23,424	251,423 1,729	30,057 94,346	5,417,435 4,768	21,528 348,059	12,385,732 249,845	278 62	50 6	228 66	227 224	267 8	227 267	4 6	4 6	4 6	
130,434 32,730	47,133 9,218	636,072 54,728	6,578 3,600	24,397 14,047	35,833 1,029	878,028 175,921	37,448 2,076	2,221,786 408,352	1,306,310 230,355	1,771 33	224 5	267 28	1,272 1	1,272 23	6 4	6 8	6 8	
4,520 32,730	4,698 6,300	16,575 20,208	3,500 4,068	1,047 218	158 70,598	37,196 500	856 150,929	89,256 85,831	51,204 85,831	9 24	9 27	23 27	23 27	23 27	9 10	9 10	9 10	
2,495,083 3,004,010	1,635,650 2,045,172	19,305,023 20,005,608	127,799 92,910	619,224 1,192,816	33,017,523 1,041,435	935,420 342,062	70,415,154 25,310,348	85,862,202 14,026,851	27,976 5,897	3,317 43	493 769	540 5	23,626 5,090	848 14	5,794 5,794	11 12	11 12	
1,071,989 417,316	1,197,146 194,833	8,087,997 1,151,353	92,910 15,036	2,06,497 160,361	10,402,999 4,982,839	20,411 29,411	30,402,999 8,402,999	34,710,659 3,410,659	510 510	6 6	409 409	409 409	939 35	939 35	14 15	14 15	14 15	
305,276 94,956	256,704 113,861	717,887 185,023	2,940 5,856	22,361 68,786	175,841 2,488,400	105,352 31,245	10,212,148 3,555,811	2,324,653 1,036,168	1,051 281	208,473 281,473	239 239	239 239	246 246	246 246	16 17	16 17	16 17	
42,843 187,477	48,246 126,687	43,175 2,084	6,019 10,457	4,498 102,557	206,500 4,997,243	8,349 65,758	568,322 6,088,015	208,473 1,025,014	208,473 5,508,301	239 1,789	80 685	454 100	454 3	454 1,001	454 163	18 19	18 19	
490,042 423,377	264,621 182,784	1,082,756 1,150,412	21,781 125	88,389 58,252	818,995 364,836	21,185,674 9,990,250	67,962 61,750	26,821,937 14,071,692	26,821,937 991	1,789 125	1,789 75	1,789 791	1,789 5	1,789 20	1,789 20	1,789 20	1,789 20	
131,349 131,512	44,463 17,741	970,933 131,167	47,012 1,033	30,101 22,143	304,521 7,263	1,277,998 303,111	23,167 9,124	3,163,706 812,225	3,163,706 409,990	1,212 245	788 150	60 22	364 95	15 23	15 23	21 23	21 23	
565,941 10,579	573,332 2,232	711,089 21,849	79,679 3,280	171,515 119	5,400,414 74,452	44,257 665	10,189,221 129,445	4,744,550 54,325	921 16	582 5	80 23	236 236	394 394	24 25	24 25	24 25		
1,580,645 98,875	1,637,053 47,519	8,228,273 317,394	121,008 21,204	756,888 20,290	320,460 2,434,632	205,886 11,955	27,892,678 3,238,113	18,099,072 841,526	1,111 75	70 330	111 5	4,408 50	4,408 743	26 27	26 27	26 27	26 27	
191,517 4,986,900	55,017 4,638,265	698,613 30,642,597	20,302 447,722	67,678 787,504	35,159 8,657,197	5,213,006 107,414,042	32,368 740,865	4,484,140 190,475,039	1,918,766 82,312,032	22,761 22,761	4,845 8,000	296 296	1,360 8,263	8,104 10,759	30 29	30 29	30 29	
4,009,842 357,058	4,401,395 236,370	38,981,448 637,696	430,216 16,656	730,188 55,570	3,584,702 72,495	105,176,594 2,232,798	734,427 14,395	186,226,580 4,203,643	80,815,550 1,958,450	22,550 199	4,845 1,958,450	8,000 199	241 55	1,360 144	8,104 32	31 32	31 32	
174,335 2,763,150	50,801 1,744,720	779,981 12,792,650	4,695 153,078	54,046 1,033,601	41,196 1,307,914	1,145,141 22,268,532	24,724 456,207	2,630,820 53,184,253	1,460,955 30,439,514	1,004 12,060	540 5,286	2 1,315	172 179	462 5,108	33 34	33 34	33 34	
527,725 1,673,618	338,235 877,636	1,206,292 8,278,367	7,026 115,551	183,096 606,539	262,903 512,533	4,392,113 11,917,002	64,638 236,283	8,411,573 30,931,187	3,954,822 18,777,892	1,374 5,553	410 2,190	6 107	951 165	150 165	35 35	35 35	35 35	
439,191 29,798	688,400 6,481	2,786,600 123,620	30,501 20,501	109,143 8,844	515,536 4,712	5,029,008 149,667	133,978 780,742	11,771,799 14,711,825	1,777,892 674,735	4,147 450	798 450	66 450	453 453	38 38	38 38	38 38	38 38	
608,304 2,145,025	217,270 1,258,120	217,583,031 2,244,627	2,076,824 107,774	14,969 26,570	264,488 17,118	10,112,995 150,641	26,459,282 2,675,021	63,690,386 23,765	63,690,386 1,980,273	20,169 865	260,272 6,573,388	83 6,399,065	20,169 11,372	820 493	620 820	620 820	620 820	620 820
2,861,258 583,180	1,791,571 8,216,903	35,000,834 29,490,290	185,587 990,121	2,840,056 27,943,296	2,630,555 439,323	133,591,370 60,729,233	3,579,113 32,346,017	32,346,086 8,984,082	96,036,403 4,855,709	32,352 1,003	7,271 3,023	329 2,000	317 329	3,049 320	3,222 320	3,222 320	3,222 320	3,222 320
2,278,078 452,441	4,330,309 121,060	217,583,031 3,503,190	21,721 44,721	2,551,766 64,491	1,272,934 173,411	105,648,074 1,194,799	3,130,190 1,044,064	172,477,650 8,813,281	63,690,386 6,573,818	20,169 6,573,818	15,698 6,573,818	910 910	910 910	16,174 1,125	1,886 1,125	44 45	44 45	
305,737 48,171	63,206 20,705	2,762,324 259,095	4,435 2,470	58,789 4,270	119,185 19	827,421 57,307	831,548 677	6,739,709 122,216	5,130,740 64,232	17,691 13	13,900 540	745 6	3,016 6	1,004 87	46 48	46 48		
21,636 70,897	3,281 33,803	83,489 398,282	7,482 5,702	5,525 19,583	5,525 152,183	10,931 92,296	38,084 92,160	225,310 716,681	225,310 778	827 778	675 635	827 635	827 635	827 635	827 635	827 635	827 635	
210,731 206,391	110,818 107,735	1,006,358 988,570	26,570 26,570	17,118 12,348	150,641 150,622	2,675,021 2,618,314	23,765 23,088	4,670,659 4,557,443	4,670,659 4,557,443	1,980,273 1,916,041	865 852	415 415	34 29	5 5	411 403	50 50	50 50	50 50
4,340 650,467	8,083 271,214	17,788 1,669,782	8,083 26,972	17,788 23,884	33,548 234,930	4,070,632 1,237,498	57,307 50,691	677 59,691	677 59,691	1,487,373 1,487,373	1,487,373 1,487,373	580 1,403	83 83	85 85	656 656	100 100	100 100	100 100
265,935 100,521	150,337 41,856	1,017,430 410,608	17,516 1,200	33,548 29,219	77,537 14,498	1,237,498 906,842	23,098 8,984,082	2,752,969 8,984,082	2,752,969 8,984,082	1,487,373 1,487,373	1,487,373 1,487,373	580 1,403	75 75	75 75	273 273	273 273	273 273	273 273
284,011 72,814	79,021 59,204	641,054 405,251	8,256 4,487	8,515 8,515	67,969 67,969	8,811,528 8,811,528	91,568 91,568	10,558,321 10,558,321	10,558,321 10,558,321	1,655,225 1,655,225	2,010 2,010	1,166 1,166	10 10	130 130	222 222	222 222	222 222	222 222
775,578 220,309	795,054 63,130	5,349,264 416,820	154,125 3,340	261,172 5,185	280,190 63,777	7,196,092 1,968,974	285,588 36,298	1,111,583 3,134,860	1,111,583 3,134,860	1,111,583 3,134,860	463 463	463 463	52 52	144 144	144 144	144 144	144 144	
72,440 979,998	57,740 183,668	180,670 3,403,866	58,029 58,029	18,119 30,226	7,431 705,717	18,119 15,372,788	2,454,174 434,174	4,653,304 10,227,594	4,653,304 10,227,594	10,227,594 10,227,594	16,876 16,876	10,275 471	2,274 2,274	13 13	3,843 3,843	680 680	680 680	680 680
655,119 279,440	120,668 68,755	1,960,456 1,098,378	23,602 11,403	18,310 4,593	416,461 271,454	8,041,774 5,942,758	176,791 120,824	14,186,004 9,294,420	14,186,004 9,294,420	5,967,439 3,230,838	865 4,465	453 453	843 808	2,942 3,464	288 5,611	62		

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY.						WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.			
		Total.	Proprietors and firm members	Salaried officers, superintendents, and managers	Clerks, etc.		Wage earners.		Total.	16 and over.	
					Male.	Female.	Average number.	Number, 15th day of—		Male.	Female.
								Maximum month.	Minimum month.		

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

1	Carriages and wagons, including repairs.	256	1,371	318	52	52	21	928	.....	960	934	25	1.....	Dollars. 4,787,460		
2	Carriages and wagons.	87	830	108	43	48	18	613	Au 650 Je 328 Oc 5,807	No 576 No 298 Ja 5,517	642 318 5,596	617 317 5,564	25	1.....	3,647,976 1,139,484	
3	Repair work only.	169	541	210	9	4	3	315	.....	318	317	1	.....	14,255,592		
4	Cars and general shop construction and repairs by electric-railroad companies.	53	6,009	.....	142	153	58	5,656	Ja 5,517	5,596	5,564	32	.....		
5	Cars and general shop construction and repairs by steam-railroad companies.	136	32,851	.....	1,056	1,077	291	30,427	De 32,215	Ja 29,418	32,200	31,974	226	.....	44,089,781	
6	Cash registers and calculating machines.	10	642	2	38	49	15	538	.....	.....	535	475	57	3.....	3,164,811	
7	Adding machines and cash registers and parts.	4	63	2	8	5	5	43	De 47 Se 47	41	48	41	7	.....	146,096	
8	All other.	6	579	.....	30	44	10	495	Se 603 Ja 1,917 Oc 2,002	Je 412 Fe 855 Ja 1,424	487 1,761 1,313	434 1,741 1,245	50	3.....	3,018,715 20,547,761	
9	Cement.	11	2,034	2	92	241	125	1,574	Jy 1,917 Ja 1,424	Ja 869	241	138	65	3.....	6,258,037	
10	Cheese.	598	1,876	459	124	61	30	1,002	Ja 11,401	Ja 8,920	290	500	5	.....	91,909,454	
11	Chemicals.	88	11,780	17	581	1,042	453	9,687	Ja 1,110	Ja 892	1,030	414	608	10	.....	6,369,885
12	Chewing gum.	15	1,176	7	35	71	58	1,007	Se 1,110 De 53	Ja 892 Fe 37	39	32	21	.....	76,550	
13	China decorating, not including that done in potteries.	9	55	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Chocolate and cocoa products.	14	2,644	5	101	172	55	2,311	Oc 2,735	My 2,027	2,247	1,604	548	2	3.....	11,110,115
15	Cleansing and polishing preparations.	57	753	32	63	147	130	2,325	Ja 2,074 Oc 2,490	Ja 159	241	145	283	248	.....	2,459,624
16	Cleansing preparations.	35	391	23	33	84	41	210	Ja 2,074 De 201	Ja 145	290	145	145	145	.....	987,213
17	Polishing preparations.	22	362	9	30	63	89	171	Ja 2,074 De 201	Ja 145	290	145	145	145	.....	1,472,411
18	Clocks.	10	1,048	1	41	64	44	398	Ja 2,074 De 201	Ja 145	290	145	145	145	.....	3,242,807
19	Cloth, sponging and refinishing.	39	1,000	28	76	35	42	819	Au 976 Ja 933	Ja 952	352	20	20	20	.....	670,254
20	Clothing, horse.	6	61	6	10	8	4	33	De 38 Ja 38	Ja 27	39	26	13	13	.....	229,367
21	Clothing, men's.	2,537	74,065	3,815	1,688	4,767	2,307	62,008	.....	.....	57,574	48,519	26,844	83	128	226,416,674
22	Regular factories.	1,326	50,139	1,897	1,649	4,691	2,325	39,677	.....	.....	47,051	29,116	17,753	69	113	229,847,050
23	Men's and youths'.	827	37,502	1,204	1,115	3,601	1,603	29,979	De 38,377	Ja 23,762	36,179	22,481	13,552	60	85	180,243,117
24	Boys'.	312	7,895	472	259	781	364	6,019	Ja 6,799	Ja 4,751	6,290	2,534	8	21	35,878,608	
25	All other.	187	4,742	221	175	309	358	3,679	Ja 4,024	Ja 3,304	4,201	2,345	1,607	1	7	13,726,325
26	Contract work.	1,211	24,526	1,918	139	66	72	22,331	De 20,780	Ja 11,031	28,523	10,403	0,001	14	15	5,569,824
27	Men's and youths'.	958	18,837	1,524	95	47	52	17,119	De 20,780	Ja 11,031	21,967	15,106	6,835	12	14	5,047,191
28	Boys'.	206	5,150	323	38	10	12	4,707	De 5,743	Ja 3,130	6,009	3,892	2,114	2	1	1,107,017
29	All other.	47	589	71	6	9	8	445	No 570	Ja 281	547	405	142	142	.....	415,416
30	Clothing, men's, buttonholes.	59	336	70	10	5	5	251	Ja 275	Ja 198	270	210	60	60	.....	152,695
31	Clothing, women's.	5,288	127,314	7,450	4,819	7,291	5,102	102,652	.....	.....	116,133	40,154	60,418	91	470	269,841,231
32	Regular factories.	3,475	102,750	4,074	4,176	7,029	4,933	81,938	.....	.....	80,491	34,313	54,645	73	465	248,700,238
33	Suits, skirts, and cloaks.	1,143	32,097	1,671	1,248	2,581	1,680	26,817	Se 30,837	My 17,533	20,400	22,750	6,073	49	18	93,025,014
34	Shirt waists and dresses, except house dresses.	1,255	39,003	1,574	1,781	2,301	2,102	31,842	Se 34,800	Fe 27,353	33,500	7,154	25,908	24	303	85,709,824
35	Undergarments and petticoats.	436	18,878	548	531	916	526	11,357	No 12,090	Mh 9,540	12,403	1,338	11,089	4	32	31,097,699
36	Wrappers and house dresses.	101	3,295	167	124	101	168	2,645	De 2,810	Fe 2,513	2,839	449	2,372	18	10,187,721	
37	All other.	510	12,977	714	439	1,404	457	10,277	Oc 11,214	Ja 10,190	12,622	8,513	1	21	28,679,980	
38	Contract work.	1,813	24,564	2,776	643	2,602	169	20,714	.....	.....	26,042	11,841	14,773	13	15	11,080,996
39	Suits, skirts, and cloaks.	800	9,034	1,279	218	144	62	7,333	Se 9,800	Ja 3,557	10,160	7,581	2,571	8	21	4,830,774
40	Shirt waists and dresses, except house dresses.	770	11,797	1,144	372	111	102	10,008	Se 11,207	Ja 8,151	12,225	3,038	0,183	1	3	5,170,147
41	Undergarments and petticoats.	47	800	64	15	2	.....	719	No 920	Ja 513	930	91	838	1	205,618	
42	Wrappers and house dresses.	30	280	42	3	.....	.....	244	De 320	Fe 183	347	40	307	.....	94,282	
43	All other.	166	2,644	247	37	5	5	2,350	De 2,749	Ja 1,920	2,980	1,091	1,874	4	11	780,175
44	Coal-tar products.	46	5,752	10	421	1,202	361	3,758	Fe 4,440	My 3,228	4,345	3,960	372	11	2	57,269,971
45	Coffee and spice, roasting and grinding.	111	3,089	97	177	648	208	1,939	Au 2,135	Ja 1,812	2,039	1,219	810	1	1	18,980,376
46	Coffins, burial cases, and undertakers' goods.	39	1,955	20	99	143	52	1,641	Ja 1,686	Ja 1,576	1,045	1,318	327	.....	6,450,643	
47	Coke, not including gas-house coke.	3	683	.....	21	17	2	643	Ja 898	Oc 447	473	473	473	473	.....	11,573,436
48	Collars and cuffs, men's.	31	12,339	32	322	511	554	10,920	No 11,477	Ja 10,081	11,501	2,674	5,813	6	8	29,211,247
49	Combs and hairpins, except those made from metal or rubber.	12	285	9	13	16	17	230	Fe 260	No 174	213	145	68	.....	488,029	
50	Condensed milk.	100	4,421	2	240	213	236	3,730	Ja 4,435	Ja 2,635	3,018	3,152	465	1	.....	29,998,636
51	Confectionery and ice cream.	930	19,971	1,001	802	1,269	284	15,615	.....	.....	16,100	7,442	8,007	17	34	65,489,990
52	Confectionery.	414	16,341	417	617	1,075	1,139	13,093	Oc 14,265	Ja 11,322	13,730	5,306	8,381	12	31	53,110,148
53	Ice cream.	516	3,630	584	185	194	145	2,522	Ja 3,220	Ja 1,938	2,430	2,136	280	5	3	12,379,842
54	Cooperage.	244	1,810	276	69	26	21	1,428	.....	.....	1,004	1,587	16	1	1	5,541,201
55	Hogsheads and barrels.	218	1,664	244	51	26	19	1,324	Au 1,500	My 1,117	1,496	1,479	16	1	1	5,288,518
56	All other.	26	146	32	8	.....	2	104	Ja 103	Ja 90	103	108	108	108	.....	252,683
57	Copper, tin, and sheet-iron work.	647	5,349	598	418	298	188	3,847	De 4,312	Fe 3,498	4,303	4,181	107	15	11,682,768	
58	Cordage and twine.	20	4,434	5	215	200	96	3,918	De 4,324	My 3,633	4,294	3,517	1,738	27	12	25,932,618
59	Cordials and flavoring syrups.	37	856	28	62	196	73	497	Do 577	Se 565	583	334	249	249	249	3,708,975
60	Cork, cutting.	35	1,432	19	67	54	84	1,208	Ja 1,287	Ap 1,156	1,200	1,200	654	563	3	4,173,969
61	Corsets.	74	4,851	51	102	305	451	3,882	.....	.....	2,742	1,170	3,496	25	51	7,703,378
62	Corsets.	46	3,934	30	112	245	405	3,192	De 3,481	Ja 2,886	3,898	1,105	2,743	21	29	6,269,374
63	Corset waists and brassières.	28	867	21	50	60	46	690	De 861	Mh 524	844	65	65	65	1	1,434,004
64	Cotton goods.	37	9,653	13	202	120	101	9,222	De 10,038	Se 8,301	10,040	6,160	3,812	42	26	40,212,502
65	C															

MANUFACTURES—NEW YORK.

1041

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.										POWER.						Electric horse- power gen- erated in estab- lish- ments report- ing.				
Salaries and wages.			Rent and taxes.			For materials.				Primary horsepower.										
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Value of products.	Value added by manufac- ture.	Total.	Steam en- gines (not tur- bines).	Steam tur- bines.	Inter- nal- com- bus- tion en- gines.	Wa- ter pow- er. ¹	Rent- ed. ²					
2,647,106	1,721,596	43,954,517	26,508	222,586	31,804,989	1,086,387	82,790,533	48,999,157	48,136	26,963	1,412	518	19,243	19,176	5					
155,804	139,881	576,994	1,576	24,305	22,803	872,500	15,677	1,966,490	1,078,313	283	.....	.....	.....	283	.....				
19,332	8,945	36,777	.....	5,400	2,837	83,033	1,188	201,155	116,954	26	.....	.....	.....	26	.....				
136,472	130,036	510,217	1,576	18,965	19,466	789,467	14,509	1,765,335	961,250	257	.....	.....	.....	257	.....				
265,114	324,084	2,086,003	3,374	1,719	294,867	1,850,628	1,907,051	9,212,517	5,483,968	37,236	11,433	8,650	6,050	8,103	14,585					
159,687	87,310	997,633	5,828	17,713	96,931	23,096,164	262,988	26,539,612	3,180,480	5,236	3,516	97	207	356	11					
2,807,754	2,352,144	13,184,889	33,823	142,604	5,413,813	42,601,306	8,270,026	88,101,532	37,230,140	59,043	16,445	7,871	188	2,688	31,851	0,786				
153,038	143,475	805,160	1,050	48,013	938,209	7,481,935	85,127	14,496,810	6,926,778	7,175	4	10	1,701	1,701	12					
445,854	86,945	1,132,051	.....	8,063	220	77,154	3,064	173,967	93,749	18	.....	.....	.....	18	.....				
23,630	15,360	32,803	6,312	3,792	210,268	1,551	397,693	185,874	13	.....	.....	.....	13	.....					
445,851	608,514	2,063,937	150,302	606,003	22,352,647	387,539	30,803,238	8,123,052	10,335	3,990	.....	.....	.....	6,339	400		
250,215	505,104	322,707	5,125	39,057	129,579	1,886,510	26,908	4,583,215	2,624,797	1,454	600	10	10	844	15					
163,187	324,505	175,864	2,456	29,377	50,817	959,346	20,338	2,333,369	1,353,685	1,275	500	5	5	770	16					
87,048	183,659	146,933	2,669	9,650	69,762	927,184	6,570	2,204,846	1,271,112	179	100	5	5	74	17					
179,098	182,334	716,499	1,407	15,216	86,009	699,530	19,007	2,319,504	1,600,967	1,056	480	4	4	576	18					
445,854	86,945	1,132,051	.....	8,063	220	77,154	3,064	173,967	93,749	18	.....	.....	.....	302	25	
23,630	15,360	32,803	6,312	3,792	210,268	1,551	397,693	185,874	13	.....	.....	.....	13	.....					
8,847,103	13,173,813	84,824,615	78,086	119	4,323,233	3,042,328	277,741,854	574,558	544,054	257	265,437	515	10,897	1,741	3	406	125	8,622	489	21
8,525,223	13,015,805	51,099,701	77,116,646	3,501,920	3,025,955	273,008,813	531,757	221,998,504	496,200,134	7,256	1,724	3	3	88	125	5,316	489	22		
6,474,213	9,900,600	38,936,506	61,889,589	2,423,916	2,616,613	208,036,478	363,477	381,788,006	172,788,713	6,555	1,724	3	47	125	3,656	489	23			
1,124,646	2,004,754	8,066,001	21,123,763	633	739,230	219,371	47,799,542	83,442	85,358,611	37,475,627	974	16	16	16	72	25	24	1,958	25	
2,926,364	1,004,754	4,097,264	1,454,434	398,774	189,071	17,232,793	84,838	20,052,855	11,735,224	727	1	1	1	1	1	25	702	25		
321,940	160,008	33,724,824	1,569,473	761,313	10,373	4,073,041	342,831	47,854,123	43,438,251	3,641	17	318	318	3,306	26					
229,150	127,586	26,405,411	1,476,321	574,202	14,047	8,242,427	267,310	37,905,719	34,398,982	2,615	11	195	195	2,409	27					
83,720	19,238	6,076,858	82,810	168,770	830	553,162	66,510	8,767,002	8,147,330	907	6	123	123	773	28					
9,070	13,184	582,555	10,342	18,341	596	277,482	9,011	1,178,402	801,989	119	119	119	119	1,165	29					
51,500	6,600	308,510	22,304	178	63,708	6,126	660,827	590,903	108	12	90	90	2,300	30						
17,222,638	21,874,105	137,073,001	46,360,091	10,518,466	2,345,536	491,829,547	1,588,883	886,933,509	393,555,079	17,768	331	147	147	17,288	56	31				
10,009,665	21,276,668	109,056,027	45,312,319	8,990,279	2,327,842	482,029,000	1,259,541	832,751,227	319,483,397	13,250	318	75	75	12,887	56	32				
5,243,088	8,591,520	47,127,089	17,237,910	3,478,635	940,415	210,127,870	484,596	373,210,721	162,598,255	4,107	.....	.....	.....	4,107	33		
6,831,813	7,562,569	39,560,322	20,983,330	3,240,661	929,635	164,301,479	432,139	282,235,251	117,001,633	4,512	8	20	20	4,484	24	34				
1,881,300	2,554,035	10,116,935	1,840,049	982,629	259,798	53,440,060	159,205	82,995,202	29,396,027	2,170	200	25	25	1,954	32	35				
398,074	638,554	2,675,778	1,180,287	299,465	44,058	14,590,663	32,070	23,767,017	9,144,278	586	14	14	14	572	36					
1,654,724	1,029,990	10,475,903	4,061,743	988,889	147,936	39,048,217	151,525	70,512,946	31,343,204	1,896	110	16	16	1,770	37					
1,213,003	397,437	27,710,974	1,047,772	1,528,187	17,604	9,821,258	339,342	54,232,282	44,071,082	4,486	13	72	72	4,401	38					
438,627	207,265	11,023,656	422,380	640,727	5,630	4,005,607	128,222	24,280,534	19,252,705	1,602	1,602	1,602	1,602	1,692	39					
669,754	179,667	12,331,643	563,818	748,134	8,117	4,457,938	153,033	24,909,561	20,298,590	2,001	2,001	2,001	2,001	1,975	40					
29,865	3,040	491,767	3,551	25,267	1,722	30,318	12,606	639,972	641,048	168	168	168	168	168	41					
2,570	2,745	223,028	1,323	11,073	132	20,752	5,837	327,490	300,901	78	10	68	68	408	42					
72,187	7,405	2,748,880	52,194	99,086	2,093	400,643	99,044	4,018,725	3,578,438	547	13	36	36	408	43					
2,089,807	2,193,871	4,765,306	627,033	130,859	1,562,711	13,314,115	1,009,220	45,792,118	31,408,753	18,349	9,126	4,275	156	4,792	12,040					
640,897	1,098,986	1,850,035	18,178	271,001	50,037,984	231,436	57,123,362	6,833,942	5,773	1,715	90	90	3,968	1,165	45					
307,112	345,923	1,696,884	782	66,665	271,550	4,202,120	90,788	8,290,606	3,997,788	2,031	1,063	50	50	1,818	46					
59,534	27,882	1,167,323	70,621	60,914	1,104,882	18,827,041	212,517	4,558,226	7,212,747	2,097,066	8,475	2,341	2,379	980	2,775	47				
898,633	1,046,520	7,275,655	977,903	60,914	1,104,882	18,827,041	212,517	4,558,226	7,212,747	2,097,066	8,475	2,341	2,379	980	2,775	47				
42,420	46,811	193,945	700	14,183	1,979	304,710	2,535	625	682,537	373,292	69	40	40	40	29					
903,153	570,138	3,600,567	19,835	84,860	1,080,497	77,092,915	1,361,169	91,910,432	13,456,348	9,784	7,001	225	231	510	1,817	2,173	50			
3,389,494	2,277,545	13,158,749	844,216	1,347,213	5,207,484	61,116,260	1,308,038	110,068,058	47,043,660	31,022	15,707	16	2,205	8	13,086	8,766	51			
2,868,197	2,901,637	10,514,010	841,300	662,366	4,499,836	46,692,747	923,988	94,685,422	37,068,460	18,180	11,326	15	140	5	6,694	7,947	52			
521,297	375,911	3,003,839	2,916,818	384,847	767,048	14,423,286	385,050	25,388,636	10,575,397	12,842	4,381	3	2,065	3	6,392	8,899	53			
154,522	151,621	1,731,487	1,513	60,952	79,607	6,129,954	76,862	9,588,480	3,381,664	2,294	1,865	49	69	69	311	52	54			
138,057	43,327	1,593,018	938	43,448	77,834	5,701,648	5,701,648	8,862,652	3,087,643	2,157	1,825	49	21	262	50	55				
16,465	2,275	188,469	575	17,504	1,773	428,311	3,496	725,828	204,021	137	40	40	40	40	40	56				
1,239,880	571,279	4,864,794	175,411	401,552																

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY.						WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.						Capital.	
		Total.	Propri- etors and firm mem- bers.	Sal- aried offi- cers, super- in- tend- ents, and man- agers.	Clerks, etc.		Wage earners.		Total.	16 and over.		Under 16.			
					Male.	Female.	Ave- rage num- ber.	Number, 15th day of—		Male.	Female.	Male.	Female.		
								Maximum month.	Minimum month.						
1	Dairymen's, poultrymen's, and apiarists' supplies.	34	3,356	14	168	466	258	2,450	.....	2,855	2,558	207	.....	15,726,039	
2	Poultrymen's supplies.	10	141	5	7	22	11	96	De 8 108 Jy 08	110	76	34	.....	656,655	
3	Dairymen's and apiarists' supplies.	24	3,215	9	161	444	247	2,354	De 2,608 Je 2,171	2,745	2,482	263	.....	15,080,984	
4	Dental goods.	94	1,266	90	59	175	99	843	.....	928	723	103	10	2	
5	Teeth.	20	615	20	25	139	47	384	De 419 Ja 333	419	276	140	1	2	
6	All other.	74	651	70	34	36	52	459	De 506 Je 429	509	447	53	9	1,676,731	
7	Drug grinding.	9	440	4	29	35	30	345	Au 378 Ja 326	349	202	142	5	1,578,029	
8	Druggists' preparations.	98	3,358	45	263	559	281	2,210	My 2,279 Sc 2,119	2,251	1,004	1,146	14	27	11,759,798
9	Dyeing and finishing textiles, exclusive of that done in textile mills.	133	7,316	95	349	524	272	6,076	De 6,734 Fo 5,012	6,840	4,688	2,135	10	7	26,431,445
10	Dyestuffs and extracts—natural.	27	701	6	80	73	39	593	De 743 Je 8 534	744	709	35	.....	9,218,733	
11	Electrical machinery, apparatus, and supplies.	255	51,009	91	2,296	7,298	3,726	37,598	De 41,333 Je 35,530	41,411	32,820	8,392	174	55	162,081,033
12	Electroplating.	133	930	157	42	18	32	681	De 754 Fo 617	760	741	16	3	950,579	
13	Enameling.	16	110	18	7	3	75	Au 83 Fe 70	76	50	25	1	.....	110,308	
14	Engines, steam, gas, and water.	31	5,677	5	312	496	336	4,528	Fe 6,819 Je 3,872	6,053	6,012	38	3	33,011,539	
15	Engravers' materials.	4	37	.....	7	1	3	26	De 33 Ja 20	33	33	.....	103,799		
16	Engraving and diesinking.	181	796	206	23	34	22	511	De 566 Ja 465	571	503	63	4	1,289,392	
17	Engraving, steel and copper plate, including plate printing.	119	3,198	112	164	176	160	2,586	De 2,945 Ja 2,378	2,900	1,737	1,148	11	4	10,324,198
18	Engraving, wood.	15	68	17	4	4	2	31	De 35 Ja 27	36	34	2	.....	37,224	
19	Envelopes.	21	1,407	9	72	103	79	1,144	No 1,177 Ja 1,105	1,162	463	690	4	5	3,079,049
20	Fancy articles, not elsewhere specified.	345	7,413	345	425	454	329	5,943	.....	6,483	2,871	3,375	135	102	14,402,860
21	Beadwork.	25	363	41	2	19	8	293	Oc 348 Ja 246	331	38	290	1	2	565,199
22	Cellophane novelties.	30	1,014	22	58	66	69	799	Au 911 Oc 700	952	610	138	117	81	2,112,431
23	Metal novelties.	46	657	30	45	21	25	530	Au 577 Ja 400	512	418	121	1	2	1,110,110
24	Paper novelties.	29	383	23	31	27	22	230	Oc 354 Fe 215	338	70	258	3	7	850,872
25	Wood novelties.	11	33	11	2	1	1	19	Jy 23 Se 15	21	19	2	.....	63,126	
26	All other.	204	4,963	212	204	320	205	4,022	Oc 4,477 Ja 3,163	4,200	1,710	2,506	13	10	9,602,112
27	Feathers and plumes.	191	3,850	210	135	193	103	3,200	My 3,493 Ja 2,882	2,912	332	2,549	4	7	5,105,855
28	Felt goods.	10	1,557	4	61	51	40	1,401	De 1,636 My 1,185	1,036	1,210	421	3	2	10,409,470
29	Files.	6	224	6	15	4	7	192	Ja 245 No 180	181	161	19	.....	569,118	
30	Firearms.	7	4,603	1	84	313	216	4,049	Do 4,443 Ja 3,368	4,423	3,801	529	3	.....	15,711,559
31	Fire extinguishers, chemical.	12	849	7	90	102	66	553	Ja 688 My 443	626	457	169	2	2,806,401	
32	Flags and banners.	22	487	13	28	35	44	367	Ja 688 Se 233	269	61	208	1	1,417,872	
33	Flavoring extracts.	120	932	90	121	142	83	502	Oc 578 Ja 407	529	264	204	1	.....	3,039,311
34	Flour-mill and gristmill products.	716	4,881	824	325	490	230	3,012	Oc 3,322 Mh 2,025	3,376	3,200	85	1	.....	54,509,928
35	Food preparations, not elsewhere specified.	372	6,849	403	367	1,042	491	4,549	.....	4,871	3,391	1,409	4	7	33,700,571
36	Breadstuff preparations, cereals, and breakfast foods.	11	1,217	3	64	142	108	900	Oc 1,028 Fe 781	1,001	667	334	.....	8,717,942	
37	Macaroni, vermicelli, and noodles.	215	1,427	269	76	53	31	998	Ja 1,030 No 933	1,107	904	197	2	4	5,544,062
38	Meat products, not elsewhere specified.	20	1,284	17	25	359	137	746	Se 869 Ja 829	817	496	321	.....	6,020,814	
39	Sweetening sirups, other than cane.	14	261	14	31	35	21	160	Jy 198 Ja 110	174	107	7	.....	2,550,070	
40	All other food preparations for human consumption.	97	2,305	91	141	414	155	1,504	No 1,564 Ja 1,415	1,542	952	585	2	3	10,047,342
41	All other.	15	355	9	30	39	30	238	Au 291 Mh 195	230	205	25	.....	4,318,841	
42	Foundry and machine-shop products.	1,292	68,046	878	5,531	4,167	2,881	56,609	.....	66,607	63,801	2,017	131	18	240,470,280
43	Boiler shops.	55	2,037	374	179	148	70	2,500	De 2,673 My 2,203	2,648	2,008	5	35	11,133,835	
44	Foundries.	126	10,435	69	483	328	210	9,340	De 11,201 Je 7,552	13,671	13,247	380	27	11	20,597,323
45	Machine shops.	1,073	40,158	732	2,447	3,178	2,292	37,509	De 41,355 Je 34,465	42,175	40,141	1,071	50	7	108,001,953
46	Machine shop and foundry combined.	71	8,516	43	417	513	283	7,260	Do 8,066 Mh 6,018	8,073	7,805	255	13	.....	37,140,164
47	Foundry supplies.	11	127	7	27	9	10	74	Ja 83 Jy 8 69	76	69	7	.....	431,057	
48	For goods.	1,218	13,050	1,918	423	1,204	610	8,890	Oc 10,361 Ja 6,368	10,156	7,542	2,583	22	9	57,712,697
49	Furnishing goods, men's.	256	7,521	301	270	639	350	5,961	.....	6,670	1,806	4,041	7	26	22,433,430
50	Neckwear.	206	5,308	250	201	562	270	4,007	No 4,280 My 3,750	4,321	1,504	2,817	2	26	16,922,062
51	All other.	50	2,213	42	69	77	71	1,954	No 2,249 Ap 1,785	2,249	392	1,824	7	26	5,511,368
52	Furniture.	635	26,030	608	1,228	1,629	1,103	22,062	.....	25,380	23,083	1,508	80	10	69,187,096
53	Wood furniture, other than rattan and willow.	466	18,082	397	826	1,125	657	15,077	De 17,352 Je 13,374	17,375	10,145	1,150	80	10	45,044,570
54	Rattan and willow furniture.	35	626	36	32	20	26	512	De 646 Ja 473	674	632	42	.....	1,009,147	
55	Metal furniture.	48	4,670	39	204	358	331	3,738	De 4,436 Jy 3,336	4,477	4,077	265	5	.....	15,203,957
56	Store and office fixtures.	136	3,252	136	166	128	89	2,735	No 3,022 Fe 2,386	2,084	2,839	141	4	.....	7,839,422
57	Furs, dressed.	83	2,876	72	162	78	43	2,521	Jy 2,945 Ja 1,803	2,581	2,230	348	3	.....	4,767,053
58	Galvanizing.	6	136	2	14	6	4	110	Ja 118 Ap 104	112	112	112	.....	239,334	
59	Gas and electric fixtures.	105	3,753	72	239	345	120	2,977	.....	3,423	3,011	408	4	.....	8,176,926
60	Gas fixtures.	19	441	19	26	15	11	370	De 458 Ja 324	428	266	160	2	.....	7,444,400
61	Electric fixtures.	62	2,686	40	176	200	83	2,097	De 2,433 Ja 1,876	2,415	2,225	188	2	.....	6,190,222
62	All other.	24	926	13	37	40	26	510	De 578 Ja 444	580	520	60	.....	1,236,304	
63	Gas, illuminating and heating.	96	12,768	3	599	2,934	821	8,408	Ja 8,636 Sc 8,076	8,410	8,380	60	.....	447,549,070	
64	Gas machines and gas and water meters.	12	1,843	3	73	92	81	1,594	.....	1,433	1,311	168	1	.....	6,938,840
65	Gas meters and water meters.	7	1,807	65	89	81	1,572	Jo 2,145 Mh 1,391	1,450	1,288	167	4	.....	6,708,071	
66	All other.	5	36	3	8	3	22	De 24 Mh 20	24	23	1	.....	140,769		
67	Glass.	19	4,400	6	142	171	152	3,920	De 4,432 Jy 2,695	4,554	4,089	352	111	2	11,106,015
68	Glass, cutting, staining, and ornamenting.	175	2,343	157	134	140	90	1,822	De 2,046 Ja 1,537	2,066	1,634	423	4	5	4,152,300
69	Gloves and mittens, leather.	219	6,640	283	329	357	161	5,510	De 5,929 Ja 4,908	5,887	2,933	2,906	38	10	18,404,716
70	Gloves and mittens, cloth, not including gloves made in textile mills.	44	3,181	23	57	50	65	2,986	De 3,762 Au 2,618	3,191	2,438	2,733	3	17	5,011,525
71	Glove, other than fish, not elsewhere specified.	9	438	7	32	20	10	369	Mh 413 De 209	413	382	31	.....	4,707,089	

* Includes water wheels

MANUFACTURES—NEW YORK.

1043

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.						POWER.								
Salaries and wages.			Rent and taxes.		For materials.		Primary horsepower.							
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county and local.	Principal materials.	Fuel and rent of power.	Value of products.	Value added by manufac- ture.	Total.	Owned.	Rent- ed. ²		
										Steam en- gines (not tur- bines).	Steam tur- bines.	Inter- nal- com- bus- ion en- gines.	Wa- ter- pow- er. ¹	

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Dollars. 614,159	Dollars. 952,342	Dollars. 2,906,042	Dollars. 175	Dollars. 20,034	Dollars. 543,647	Dollars. 6,356,874	Dollars. 166,932	Dollars. 14,699,717	Dollars. 8,175,911	3,938	1,125	1,733	55	14	1,011	4,726	1
18,940	41,071	89,560	3,119	4,828	228,697	8,131	505,147	208,319	380	275	180	.....	.....	.....	105	150	2
505,219	911,271	2,816,482	175	16,915	533,819	6,128,177	158,801	14,194,570	7,907,592	3,558	850	1,733	55	14	906	4,576	3
220,764	173,184	860,784	1,075	81,185	31,950	5,656,470	32,418	7,730,445	2,047,557	825	150	.....	645	.....	4	259	5
85,811	95,026	328,956	178,878	13,287	1,170,049	15,088	1,918,301	733,184	439	150	.....	356	.....	344	40	7	
134,953	78,153	531,828	895	64,307	18,663	4,486,421	17,350	5,818,144	1,314,373	386	30	.....	674	515	8	26	15
103,131	79,141	273,293	111,651	5,636	127,421	1,788,707	29,409	3,068,793	1,250,677	903	550	.....	248	.....	248	1,049	14
921,962	1,471,372	1,823,187	43,858	200,107	547,725	8,500,728	20,436	18,000,192	8,370,028	2,113	1,439	.....	2,710	3,262	6,162	9	
1,449,206	1,079,584	6,160,676	236,842	297,966	1,523,739	23,306,878	871,961	44,693,507	20,515,121	17,150	5,826	5,186	166	1,011	4,726	1	
551,112	131,529	754,700	29,274	1,028,216	5,765,125	167,993	9,560,583	3,827,465	3,615	2,676	373	.....	566	658	10	2,406	11
7,205,821	14,518,605	45,721,978	109,328	546,960	6,638,405	70,726,707	8,112,543	179,972,580	106,133,330	136,321	10,040	45,010	135	75	81,055	53,124	11
104,520	54,361	890,983	16,468	110,023	2,822	396,178	50,338	2,173,657	1,721,141	1,486	12	.....	1,282	.....	12	44	13
14,899	7,090	76,518	19,677	135	46,407	6,143	219,573	106,963	44	219,573	106,963	.....	1,642	150	13,393	4,409	14
1,024,768	845,985	6,623,085	86,014	47,294	929,457	9,773,876	328,219	29,822,286	19,720,191	17,196	1,136	870	1,642	150	26	20	15
28,425	5,118	26,292	6,456	261	251,107	3,101	322,478	68,180	26	309	10	12	218	23	309	11	
71,692	74,463	666,080	16,718	76,461	5,540	362,271	19,464	1,981,623	1,599,888	390	125	17	248	.....	248	16	
716,028	430,725	3,299,803	50,456	141,637	203,317	2,705,292	87,824	9,384,258	6,591,142	2,558	72	.....	2,486	.....	2,486	17	
8,618	11,110	38,256	2,781	4,944	180	6,034	407	132,484	126,043	7	445	74	19	445	20	20	
271,804	827,925	878,433	9,680	131,171	102,282	2,545,426	36,299	5,287,694	2,705,969	910	465	.....	2,705	300	1,662	1,062	21
1,224,177	1,426,172	5,730,218	754,217	527,834	185,549	16,342,433	102,758	30,949,260	14,504,069	1,649	48	33	1,062	20	20	10	21
5,430	25,831	454,529	82,809	23,784	124	767,648	889	1,580,829	812,292	10	446	10	12	218	23	309	22
258,270	274,900	880,672	105,527	35,712	28,240	2,588,524	32,416	4,804,231	2,183,291	505	190	4	4	85	24	309	23
123,115	85,592	518,597	48,227	43,894	10,077	891,077	16,903	2,006,832	1,158,852	365	125	10	12	218	23	309	23
92,311	67,485	218,675	83,356	4,054	497,059	3,078	1,249,061	748,329	89	5	33	21	35	25	309	23	25
5,000	500	23,735	3,705	305	32,446	1,052	102,276	68,779	94	180	1	1	405	120	1,618	28	27
740,042	971,864	3,693,010	434,498	381,381	142,749	11,565,680	47,825	21,146,031	9,532,526	586	180	1	1	299	20	20	27
356,559	586,155	3,186,044	144,323	314,845	23,057	6,323,527	30,985	14,310,683	7,956,171	309	10	11	11	112	20	20	27
380,424	225,232	1,404,655	1,056	7,650	477,573	6,370,203	142,730	10,694,533	4,181,650	5,167	2,790	1,300	2	775	300	1,618	29
88,061	16,017	214,682	1,500	5,900	18,544	161,065	23,071	549,627	365,491	593	440	40	40	112	20	20	31
337,701	533,456	4,524,422	6,382	6,382	204,311	1,730,522	205,220	8,181,429	6,149,687	8,146	150	600	118	7,278	30	30	32
314,679	219,776	566,600	12,768	64,755	237,596	2,051,161	24,022	4,302,456	2,280,652	447	11	11	11	130	20	20	32
96,263	142,962	310,203	192,345	44,890	143,340	1,472,305	8,199	2,173,553	693,049	130	180	180	1	1,389	80	80	33
294,333	274,850	396,761	3,855	101,374	126,604	4,130,673	43,268	6,408,888	2,319,947	1,583	180	33	1	1,389	80	80	33
1,214,734	844,814	3,390,791	28,767	188,015	920,031	134,849,794	788,984	155,272,104	109,638,376	67,326	14,221	2,761	7,276	19,311	23,757	1,877	34
1,570,060	2,221,467	4,853,705	11,176	464,322	1,712,630	51,411,310	750,026	77,336,149	25,165,813	19,164	3,536	33	1,834	550	13,211	1,239	35
248,094	274,727	1,041,471	6,030	55,514	323,577	10,877,375	169,392	16,231,175	5,184,408	4,258	188	188	188	4,070	4	36	4
208,080	96,343	1,038,523	1,962	172,975	38,628	5,519,225	183,520	8,311,329	2,608,584	4,485	910	33	1,697	150	1,695	544	37
121,010	677,936	598,204	.....	20,039	341,575	7,999,104	77,076	11,542,870	3,466,699	1,808	315	2	1,491	.....	1,491	.....	38
173,636	108,787	240,729	.....	37,977	16,444	3,728,872	28,763	5,662,957	1,905,322	433	90	3	3	340	.....	340	39
724,504	878,377	1,591,251	3,134	164,706	831,992	16,653,742	203,700	26,263,354	9,405,912	4,925	1,313	57	400	3,155	363	363	40
104,630	185,207	343,527	.....	12,511	160,414	6,032,992	9,575	9,324,455	2,564,888	3,255	720	75	2,400	328	41	41	
13,231,721	9,097,524	72,455,985	385,102	1,457,413	9,517,913	89,847,370	4,637,869	251,683,323	157,153,084	95,206	80,706	1,835	3,598	2,753	56,314	21,227	43
668,102	313,623	3,393,322	10,643	63,596	716,062	5,546,174	306,655	13,287,904	7,417,070	6,134	3,089	100	270	110	2,500	1,338	43
1,909,365	608,268	12,648,942	16,913	107,460	1,149,639	13,034,044	1,570,429	36,543,787	21,888,714	17,657	4,272	449	280	12,616	1,233	44	
9,163,516	7,103,919	4,580,095	356,029	1,197,877	5,029,693	62,047,345	2,090,626	172,328,922	108,190,951	57,846	20,391	735	2,533	1,038	33,149	16,033	45
1,490,809	976,754	7,377,626	1,517,517	28,480	1,722,409	9,151,202	720,159	19,656,349	13,569	2,955	1,000	306	1,325	7,983	2,573	46	
64,812	15,874	59,248	3,988	7,313	242,056	10,938	543,536	290,542	692	460	7	90	135	1	47	48	
2,180,395	3,261,494	18,219,485	1,259,776	1,748,493	746,839	88,677,932	150,652	134,219,190	50,400,606	3,375	950	236	39	76	731	95	49
1,332,958	416,423	5,757,680	1,250,181	495,869	259,180	33,158,517	81,642	52,200,883	20,020,724	1,075	1,075	236	444	444	2,826	1,014	56
1,084,064	2,191,222	4,305,847	716,932	376,064	202,576	26,634,506	49,943	41,819,772	15,085,323	444	31,699	600	189	6	3	2	50
248,294	228,201	4,151,839	539,249	110,805	56,604	6,474,011	31,699	11,441,111	4,935,401	631	230	39</td					

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					
		Total.	Propri- etors and firm- ments, and managers.	Sala- ried offi- cers, super- inten- dents, and man- agers.		Clerks, etc.		Wage earners.		Total.	16 and over.		Under 16.	
				Male.	Female.	Aver- age num- ber.		Number, 15th day of—			Male.	Female.	Male.	Female.
								Maximum month.	Minimum month.					

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

1	Gold and silver, leaf and foil.	41	316	48	12	2	14	240	De No 3	254 02	Je Fe	223 53	258 61	148 61	110	Dollars. 502,568	
2	Gold and silver, reducing and refining, not from the ore.	15	105	20	9	12	10	58								930,575	
3	Grease and tallow, not including lubricating greases.	36	1,041	35	48	74	41	843					814	803	11		
4	Tallow.	21	484	21	17	32	23	391	Ja	411	De	376	375	364	11	3,169,060	
5	All other.	15	557	14	31	42	18	452	Ja	522	Se	407	439	439		2,652,922	
6	Hair work.	94	901	104	40	59	69	629	No	681	Ja	557	671	197	400	2,610,579	
7	Hand stamps.	45	615	42	55	74	58	380	My	393	Se	373	380	315	59	941,013	
8	Hardware.	100	4,559	56	222	162	142	3,977					4,682	4,133	635	13	11,937,307
9	Locks.	13	830	7	43	27	39	714	Do	794	Fe	629	701	687	71	2,420,513	
10	Builders' hardware.	23	786	17	47	35	26	661	Do	834	Ja	636	835	758	73	2,498,935	
11	Vehicle hardware.	7	1,184	—	—	20	5	1,127	De	1,368	Ja	793	1,395	1,330	55	2,313,823	
12	All other.	57	1,759	32	106	74	72	1,475	De	1,027	Jy	1,353	1,001	1,340	336	4,698,934	
13	Hardware, saddlery.	5	416	2	11	25	18	360	Do	401	Ja	331	309	333	56	2,039,200	
14	Hat and cap materials.	86	2,057	91	107	70	58	1,731	De	2,119	Ap	1,036	2,087	1,352	716	11,398,556	
15	Hats and caps, other than felt, straw, and wool.	349	4,485	473	204	184	110	3,514	De	4,013	Jy	2,788	4,002	3,257	831	8,560,280	
16	Hats, fur-felt.	42	4,086	38	133	238	189	4,088	De	4,862	Ap	3,801	4,019	3,113	1,707	22, 11,001,030	
17	Hats, straw.	79	3,094	59	193	159	90	2,593	Mh	2,908	Jy	2,161	3,100	1,458	1,021	9, 8,088,434	
18	Hats, wool-felt.	9	597	3	17	57	6	514	Au	840	Ja	216	574	443	131	1,708,198	
19	House-furnishing goods, not elsewhere specified.	185	3,561	208	183	250	149	2,771					3,081	755	2,308	4	14, 11,812,944
20	Comforts and quilts.	34	400	36	21	18	10	315	De	380	Ap 3	255	380	110	275	1 3, 1,500,040	
21	Feather pillows and beds.	10	75	8	7	7	1	52	No	67	Ja	42	64	36	28	823,467	
22	Cotton batting, not made in cotton mills.	6	164	5	12	8	7	132	No	162	Mh	105	148	89	59	647,141	
23	Mops and dusters.	4	11	7	—	—	—	4	(4)	4	(4)	4	10	6	4	22,299	
24	All other.	131	2,911	152	143	217	131	2,268	No	2,477	Ja	2,014	2,470	514	1,942	3, 11, 0,313,937	
25	Ice, manufactured.	132	2,558	37	220	104	50	2,138	Au	2,664	Ja	1,531	2,172	2,138	5	23,301,071	
26	Ink, printing.	38	1,134	24	116	219	88	687	Do	750	Fe	646	749	726	20	7,523,274	
27	Ink, writing.	15	376	14	16	81	34	231	Ja	251	Se	218	228	122	2	1,598,011	
28	Instruments, professional and scientific.	132	7,231	106	326	761	541	5,497					5,713	4,300	1,255	40	18, 1,081,742
29	Medical and surgical.	57	1,400	47	83	91	100	1,070	Ap	1,152	Au	801	1,129	886	221	14, 8, 2,871,932	
30	All other.	75	5,331	59	243	670	441	4,418	Ja	5,210	My	4,202	4,594	3,504	1,034	32, 14, 16, 209,810	
31	Iron and steel, blast furnaces.	9	2,362	—	60	76	16	2,210	Ja	2,558	Oe	1,580	2,271	2,260	2	18, 297,002	
32	Iron and steel, steel works and rolling mills.	30	20,366	3	533	1,385	544	17,901	Ja	22,502	Oe	13,391	10,148	18,858	282	146, 784,654	
33	Iron and steel, cast-iron pipe.	5	350	2	14	14	8	312	No	350	Je	261	353	352	1	1,145,231	
34	Iron and steel, doors and shutters.	31	1,237	12	88	84	54	909	Ja	1,230	Je	876	1,118	1,102	15	3,088,453	
35	Iron and steel, forgings, not made in steel works or rolling mills.	30	4,375	10	222	383	179	4,081	Do	4,424	Ja	3,898	4,422	4,212	207	18, 869,096	
36	Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills.	6	174	1	15	11	6	141	Fe 3	150	Oe	117	154	130	15	940,229	
37	Iron and steel, tempering and welding.	51	349	50	34	25	20	220	No	240	My	200	230	226	2	964,080	
38	Iron and steel, wrought pipe.	4	405	1	23	40	23	318	Ja	474	My	225	492	492		1,400,672	
39	Ivory, shell, and bone work, not including combs and hairpins.	13	223	17	8	8	6	184	Se	209	My	151	197	148	49	238,714	
40	Japanning.	5	50	3	S	1	2	36	No	53	My 3	27	52	47	5	41,027	
41	Jewelry.	717	8,222	933	434	631	713	5,511	Au	6,326	Od	4,165	6,306	5,241	1,023	38, 30, 977,031	
42	Jewelry and instrument cases.	84	1,744	90	76	56	47	1,475	De	1,593	Ja	1,287	1,610	697	819	2,361,185	
43	Knit goods.	682	45,161	614	1,226	925	1,021	41,372	Do	45,567	Mh	37,408	40,340	16,357	29,110	140, 165, 822,395	
44	Labels and tags.	42	1,030	34	87	98	107	1,304	De	1,389	Fe	1,236	1,389	793	411	3,059,501	
45	Lamps and reflectors.	57	1,893	35	90	80	63	1,025					1,872	1,505	307		5,466,651
46	Automobile and other lamps.	50	1,629	32	77	62	53	1,405	De	1,634	Ja	1,284	1,663	1,357	306	4,648,201	
47	Reflectors.	7	264	3	13	18	10	220	Ja	264	Au	188	209	208	1	818,450	
48	Lapidary work.	71	1,037	96	54	38	26	823	Do	867	Ja	719	860	775	82	18, 060,200	
49	Lasts.	10	508	5	30	23	8	442	No	483	Ja	356	478	472	6	1,420,782	
50	Lead, bar, pipe, and sheet.	6	152	3	10	18	12	109	Jy	122	Fe	94	117	117		1,056,151	
51	Leather goods, not elsewhere specified.	244	5,519	272	262	368	207	4,410	No	5,120	Fe	3,822	5,084	3,544	1,500	21, 20, 932,529	
52	Leather, tanned, curried, and finished.	94	7,723	60	258	210	119	7,056	De	8,025	Fe	5,080	8,033	7,687	330	16, 67,523,416	
53	Lime.	16	307	9	15	4	4	335	De	400	My	293	391	389	2	1,398,373	
54	Liquors, malt.	101	8,334	17	479	884	140	6,814	Jy	7,511	De	6,233	6,421	6,358	55	124, 054,073	
55	Liquors, vinous.	29	541	19	48	74	30	370	Mh	417	Jy	304	346	290	55	5,271,625	
56	Lithographing.	136	8,209	63	487	609	375	6,675	De	7,218	Fe	6,285	7,205	5,897	1,282	21, 25, 522,033	
57	Looking-glass and picture frames.	109	1,322	102	69	78	50	1,032	De	1,170	Au	915	1,201	1,075	123	2, 272,397	
58	Lumber and timber products.	849	1,894	1,023	194	138	50	5,494	De	6,309	Jy	4,969	7,884	7,843	38	22, 075,821	
59	Lumber, planing-mill products, not including planing mills connected with sawmills.	515	10,505	412	744	576	318	8,455	De	9,659	Ja	7,096	9,753	9,664	84	41, 284,718	
60	Machine tools.	29	1,863	12	106	96	59	1,590	De	1,886	Mh	1,384	1,881	1,871	7	7, 351,076	
61	Malt.	10	414	1	38	28	11	336	Je	460	Oc	252	288	283	5	0, 708,140	
62	Marble and stone work.	436	3,566	463	267	135	61	2,640					3,041	3,031	8	14, 508,588	
63	Monuments and tombstones.	285	1,593	326	84	71	29	1,083	Se	1,173	Ja	809	1,169	1,137	1	8, 521,084	
64	Other marble and stone work, except slate.	143	1,930	128	181	64	31	1,526	No	1,878	Fe	931	1,817	1,849	7	5, 671,959	
65	Roofing and other slate products.	8	43	9	2	—	1	31	No	60	Ja	14	55	55		75, 515	
66	Mattresses and spring beds, not elsewhere specified.	224	2,283	252	141	175	79	1,636	No	1,836	Ja	1,509	1,811	1,516	1	6, 814,962	

* Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).

† Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—NEW YORK.

1045

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								POWER.							
Salaries and wages.			Rent and taxes.			For materials.		Value of products.	Value added by manufacturer.	Primary horsepower.				Electric horsepower generated in establishments reporting.	
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹	

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
55,905	15,120	269,536	20,697	10,374	3,911	1,210,303	8,218	1,782,507	570,986	130	7	123	1,219	1	1
45,402	38,380	94,666	100	16,791	38,488	4,372,556	11,030	5,511,961	627,769	222	25	197	2	2	2
139,808	147,507	1,001,743	813	23,531	77,869	5,594,541	287,713	7,844,290	1,962,036	2,556	1,968	165	37	386	3
57,465	91,423	452,307	1,521	40,912	4,042,702	140,584	5,260,180	1,076,894	1,276	5	249	819	4	4	4
82,403	56,084	549,436	813	22,010	36,057	1,551,839	147,129	2,584,110	885,142	1,280	32	137	400	5	5
197,894	171,122	711,002	104,150	110,402	14,876	2,821,471	7,595	5,100,420	2,271,354	24	4	24	65	7	6
206,826	111,918	431,366	11,016	53,878	17,210	769,760	13,193	2,022,563	1,239,610	232	140	140	11	11	11
812,726	496,332	8,779,874	6,578	180,551	294,752	6,751,388	322,620	15,648,344	8,574,330	6,208	2,335	296	80	8	8
144,309	84,193	047,378	120	18,935	17,107	428,717	25,447	1,558,085	1,103,921	624	315	6	303	9	9
217,809	89,159	574,631	2,331	59,250	47,531	1,108,555	92,201	2,632,608	1,431,842	1,539	378	46	1,115	3	10
103,205	148,438	1,230,312	13,058	89,225	2,837,096	114,103	5,529,951	2,578,752	2,026	1,025	1,025	1,001	580	11	11
347,318	174,541	1,327,553	4,127	89,308	140,889	2,377,020	90,869	5,927,710	3,459,521	2,019	617	238	80	12	12
47,390	97,340	300,083	640	109,856	792,587	25,545	2,002,714	1,184,582	1,257	270	11	976	13	13	13
499,121	201,056	1,044,837	51,673	109,241	524,102	10,636,439	52,386	16,730,514	6,041,689	2,162	1,887	62	213	14	14
504,735	538,060	4,883,542	105,330	349,424	42,195	11,906,544	62,010	22,028,409	10,059,835	781	80	701	10	15	15
505,292	559,639	4,681,091	2,021	89,915	273,499	10,595,646	194,750	19,887,862	9,097,466	3,200	2,305	120	775	942	16
553,725	458,646	2,903,606	16,170	270,748	51,155	7,784,599	62,307	13,911,540	6,064,574	811	125	130	356	17	17
114,467	108,533	536,688	7,172	12,157	9,362	1,175,531	36,969	2,331,807	1,119,307	600	1,136	365	171	18	18
613,437	675,216	2,304,274	77,537	294,592	222,566	17,934,016	81,010	25,460,855	7,451,829	2,007	627	10	1,370	200	19
55,434	82,623	280,854	3,513	56,494	24,830	2,012,256	12,028	2,947,965	923,681	266	21	266	20	20	20
46,100	10,120	50,682	25	8,844	3,069	585,955	4,788	829,737	238,994	154	102	52	52	21	21
36,864	15,418	111,795	—	12,696	12,415	441,220	17,305	751,488	292,963	647	175	472	472	22	22
3,989	1,510	20	18,012	208	32,819	14,599	21	350	10	21	200	559	200	24	23
475,041	667,055	1,866,954	74,299	215,048	182,232	14,876,573	46,681	20,904,846	5,981,592	919	2,510	25,338	2,789	25	25
673,572	183,748	2,999,561	50,399	256,714	541,810	1,283,892	2,593,800	13,305,590	9,430,898	54,531	2,190	1,691	892	26	26
877,866	620,010	904,890	117,743	58,064	220,108	5,020,173	11,073,790	5,344,394	4,033	1,182	1,182	90	90	27	27
1,457,408	1,555,902	6,205,505	38,731	236,893	1,123,224	6,211,408	206,674	21,165,135	14,747,053	4,232	635	161	3,436	28	28
428,416	207,724	1,125,104	31,896	71,435	86,218	1,302,056	36,622	4,079,532	2,740,854	739	141	598	2,135	29	29
1,028,992	1,378,178	5,080,401	6,835	165,458	1,037,006	4,960,352	170,052	17,085,603	12,006,199	3,493	635	20	2,838	30	30
358,252	228,470	4,019,818	—	177,013	3,135,691	21,969,130	18,311,922	51,601,999	11,290,047	146,500	78,055	12,047	44,320	31	31
2,790,203	2,175,879	28,837,249	6,852	12,306	3,150,231	47,413,047	7,403,267	100,592,636	45,776,322	242,352	110,788	14,494	109,627	7,743	32
73,002	28,003	372,039	—	50,382	531,321	53,310	1,342,422	767,791	767	210	557	312	33	33	
379,821	197,697	1,338,385	31,806	40,439	99,110	1,526,066	47,394	4,029,287	3,005,827	1,852	525	807	435	34	34
911,187	836,920	7,081,562	—	18,932	992,241	10,213,587	1,203,603	23,514,347	12,097,157	18,155	2,617	1,100	13,851	1,591	35
69,310	18,527	180,474	150	1,905	106,606	490,545	17,028	1,022,657	506,084	477	65	35	200	177	36
121,339	58,346	371,520	2,545	41,931	9,809	263,300	33,492	1,127,847	830,989	505	40	245	220	37	37
92,501	32,937	294,463	—	5,085	29,334	1,033,062	36,436	1,026,569	857,071	514	340	120	54	547	88
17,364	23,840	110,441	—	13,879	662	245,058	1,929	488,353	241,366	911	12	79	79	39	39
24,103	2,116	31,344	6,487	259	19,883	3,010	103,975	81,082	28	69	28	466	2,324	41	40
2,075,430	2,320,404	8,867,368	783,145	800,536	394,087	3,473,839	131,124	67,400,968	27,796,006	2,874	340	70	281	42	42
300,224	150,590	1,238,737	118,012	90,719	10,768	2,058,232	113,124	2,029,906	426	75	70	909	44	44	
5,450,905	902,589	31,000,707	3,674,770	704,593	6,316,249	113,200,713	1,705,125	105,376,641	80,410,803	48,206	19,918	5,180	101	3,761	43
428,302	319,530	1,358,129	122,309	116,518	78,503	3,842,473	47,138	7,162,313	3,775,707	1,084	150	25	744	150	45
306,526	224,931	1,791,732	3,364	68,940	279,881	3,439,223	53,498	6,882,822	3,483,101	1,185	387	54	517	150	49
246,301	177,219	1,560,816	3,364	60,399	264,424	3,017,059	42,492	6,102,415	3,042,864	908	387	50	227	47	48
60,135	47,712	2,444,465	17,891	106,646	104,634	17,356,377	20,235	783,407	440,237	277	477	477	364	416	49
499,329	108,730	2,444,465	37,710	143,555	601,205	24,468	2,147,435	1,521,762	1,064	700	65	27	185	50	
106,660	64,884	540,741	—	37,710	143,555	1,708,370	24,612	2,163,500	430,608	497	405	34	981	51	
35,474	42,657	167,555	34,167	1,965	7,167	1,708,370	30,819	17,173,346	60,819	13,088,119	1,025	887	2,000	1,518	59
1,084,022	1,014,407	5,424,732	417,384	214,933	17,173,346	7,295,495	171,496	18,414,957	10,947,960	40,990	31,274	3,080	1,985	8,760	58
1,540,610	578,655	8,410,516	158,424	81,598	3,001,203	69,573,640	913,349	98,094,503	27,607,514	20,134	9,426	3,465	752	404	52
32,460	8,262	317,450	8,320	30,038	180,522	201,587	832,141	441,032	2,386	1,045	59	1,282	53	53	
3,042,790	1,583,447	8,572,497	69,804	114,504	30,608,929	18,357,516	2,504,976	99,496,659	78,544,167	56,554	50,854	1,420	15	43	42
248,359	835,826	389,088	294,780	7,053	292,918	3,917,290	27,808	7,670,398	3,734,291	753	327	58	368	62	
2,175,665	1,784,433	8,204,500	870,770	628,214	339,324	10,434,998	205,773	30,543,800	19,843,119	7,867	3,161	134	125	4,417	56
231,881	139,713	1,064,450	10,280	167,503	19,145	1,502,303	35,131	4,346,368	2,748,934	711	139	125	572	27	27
511,017	192,779	5,													

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					
		Total.	Propri- tors and firm members.	Sala- ried offi- cers, super- intendents, and managers.	Clerks, etc.		Wage earners.			Total.	16 and over.		Under 16.	
					Male.	Female.	Average number.	Number, 15th day of—			Male.	Female.	Male.	Female.
								Maximum.	Minimum.					
										Total.	Male.	Female.	Male.	Female.

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

1	Millinery and lace goods, not elsewhere specified.	1,800	35,342	2,255	1,554	1,001	1,446	28,096	.....	30,308	8,420	21,580	89	205	Dollars. 55,443,673
2	Embroideries.	699	10,029	898	317	356	302	8,156	Do 8,812 Ja 7,026	8,038	2,135	6,723	20	60	13,996,893
3	Trimmed hats and hat frames.	562	14,936	618	751	934	697	11,936	Au 13,557 Oc 8,925	12,050	4,389	8,457	51	62	22,903,273
4	Dress and cloak trimmings, braids, and fringes.	131	1,473	153	81	123	60	1,056	De 1,209 Ju 943	1,228	478	740	2	2	3,300,567
5	Women's neckwear.	111	3,360	111	168	283	104	2,604	Mh 2,775 Ja 2,408	2,512	300	2,191	4	47	5,675,080
6	All other.	387	5,544	475	237	295	193	4,341	Do 4,508 Fe 4,167	4,636	1,118	3,472	12	34	9,661,260
7	Mineral and soda waters.	430	2,722	432	207	228	148	1,707	.....	1,678	1,519	120	9	12,829,434	
8	Mineral and carbonated waters.	406	2,042	425	162	130	47	1,278	Jy 1,607 Ja 1,051	1,216	1,218	19	9	6,637,022	
9	Fruit beverages.	16	622	3	39	95	100	385	Oo 713 Ja 265	306	295	101	.....	5,940,535	
10	All other.	8	58	4	6	3	1	44	Jy 51 De 35	36	36	.....	.....	345,277	
11	Minerals and earths, ground or otherwise treated.	33	1,305	25	58	59	21	1,142	My 1,241 Ap 1,050	1,177	1,145	28	1	3	8,549,360
12	Mirrors, framed and unframed, not elsewhere specified.	57	1,067	53	60	72	42	840	Do 907 Ja 731	965	904	80	1	.....	3,050,023
13	Models and patterns, not including paper patterns.	146	1,591	175	78	74	55	1,200	Mh 1,250 Jy 1,133	1,215	1,174	66	5	.....	2,088,496
14	Motorecycles, bicycles, and parts.	7	711	4	15	6	12	671	My 705 No ^a 657	671	643	28	.....	1,705,897	
15	Mucilage, paste, and other adhesives, not elsewhere specified.	25	473	18	39	68	59	280	.....	293	240	53	.....	3,938,822	
16	Mucilage and paste.	11	201	8	15	33	28	177	Au 203 Ja 149	183	149	34	.....	2,136,000	
17	All other.	14	212	10	21	35	31	112	Fe 121 Au 104	110	91	19	1	1,503,222	
18	Musical instruments and materials, not specified.	67	505	75	26	37	15	352	No 473 Fe 289	467	340	110	1	.....	713,163
19	Musical instruments, organs.	10	321	18	13	8	14	268	Do 324 Ja 213	326	259	63	2	2	601,561
20	Musical instruments, pianos.	79	7,868	15	304	306	245	6,908	Se 8,050 Oc 3,822	6,957	6,537	415	4	1	33,877,948
21	Musical instruments, piano and organ materials.	36	4,425	6	123	80	75	4,141	Au 4,669 Ja 3,426	4,290	3,088	1,170	18	14	13,470,006
22	Needles, pins, and hooks and eyes.	19	574	9	42	13	13	407	De 551 Ap 443	558	279	274	3	2	1,094,810
23	Oil, linseed.	6	754	2	32	89	49	582	Se 740 Mh 404	700	704	2	.....	20,338,963	
24	Oil, not elsewhere specified.	37	610	11	61	148	76	314	.....	439	433	6	.....	6,820,793	
25	Vegetable oils.	5	83	.....	11	11	5	56	Au 74 Fe 45	54	53	1	.....	1,133,723	
26	Animal oils.	4	112	1	6	2	3	100	De 204 Ja 7	228	228	.....	.....	3,217,003	
27	Mineral oils.	4	37	2	4	4	6	21	Ja 26 Do 18	18	18	.....	.....	645,293	
28	Composite oils.	24	378	8	40	131	62	137	Au 155 Ap 120	139	134	5	.....	1,830,174	
29	Optical goods.	101	7,632	77	183	554	688	6,130	Ja 6,058 Se 5,802	6,120	4,502	1,550	55	13	15,070,434
30	Paints.	97	3,059	38	278	602	236	2,835	No 2,906 Ja 2,504	3,001	2,616	377	2	9	25,081,398
31	Paper and wood pulp.	156	18,222	39	670	569	343	17,671	.....	10,334	18,577	760	5	2	107,111,332
32	Paper mills exclusively.	81	4,086	31	286	135	102	4,132	De 4,726 My 3,030	4,879	4,418	458	1	.....	29,977,370
33	Pulp mills exclusively.	19	905	6	31	50	31	787	No 823 Se 749	817	816	1	.....	7,435,788	
34	Mills making both paper and pulp.	56	13,031	2	353	414	210	12,652	De 13,713 Ja 11,975	13,038	13,343	291	4	.....	120,098,168
35	Paper goods, not elsewhere specified.	95	4,891	45	251	326	252	4,017	De 4,372 Fe 3,700	4,302	3,281	1,605	.....	16,762,065	
36	Paper patterns.	15	481	8	28	10	48	387	Ap 408 Ja 303	373	120	242	2	.....	1,066,725
37	Patent medicines and compounds.	403	7,420	193	706	1,172	812	4,646	.....	4,808	2,186	2,570	11	35	37,889,017
38	Patent and proprietary medicines.	254	5,090	119	514	772	642	3,652	No 4,040 Jy 3,351	3,709	1,551	2,111	9	35	30,072,471
39	Patent and proprietary compounds, not elsewhere specified.	149	1,730	74	102	400	170	804	Ja 1,144 Se ^a 771	1,009	632	405	2	.....	7,817,446
40	Paving materials.	61	2,113	20	124	80	25	1,864	Jy 2,398 Fe 1,008	2,181	2,181	.....	.....	12,990,072	
41	Pens, fountain and stylographic.	27	1,842	19	71	157	57	1,638	Ap 1,657 Oc 1,281	1,004	1,030	600	10	0	4,128,619
42	Pens, gold.	10	357	7	11	4	3	332	Au 374 Oc 280	301	328	32	1	.....	321,031
43	Perfumery and cosmetics.	179	3,978	112	282	498	624	2,462	No 2,878 Ja 2,125	2,740	864	1,847	19	16	13,704,509
44	Phonographs and graphophones.	32	2,408	13	162	208	149	1,876	De 2,295 Ja 1,457	2,270	1,878	387	5	.....	8,307,292
45	Photographic apparatus.	23	1,937	7	67	76	92	1,695	.....	2,040	1,026	380	19	15	5,104,125
46	Cameras and motion-picture machines.	10	1,153	3	26	64	51	1,010	De 1,212 Ja 830	1,211	1,024	186	1	.....	2,676,103
47	All other apparatus and parts.	13	784	4	42	12	41	685	De 836 Mh 605	829	602	104	10	14	2,487,902
48	Photographic materials.	47	15,638	10	623	1,570	1,710	1,016	De 12,024 Ja 10,055	12,625	8,785	3,823	7	21	76,237,794
49	Photo-engraving.	97	3,126	47	223	345	106	2,405	De 2,808 Fe 2,202	2,671	2,536	131	3	1	3,577,167
50	Pickles, preserves, and sauces.	107	3,374	75	160	300	125	2,714	.....	3,007	1,383	1,598	5	21	13,221,240
51	Preserves.	21	1,980	6	65	121	67	1,730	Se 2,395 Ap 1,309	2,002	777	1,199	5	21	7,672,707
52	Pickles and sauces.	86	1,385	69	95	179	58	981	De 1,250 Mh 867	1,005	606	390	5	21	5,548,639
53	Pipes, tobacco.	31	2,114	33	65	96	81	1,830	Do 2,057 Se 1,489	2,057	1,647	406	2	.....	6,141,687
54	Plated ware.	21	3,015	15	95	361	396	3,048	De 3,732 Ja 2,312	3,728	2,890	821	11	6	12,353,612
55	Plumbers' supplies, not elsewhere specified.	34	1,104	17	81	61	67	878	De 1,066 Ap 703	1,066	973	92	1	.....	3,197,105
56	Pocketbooks.	93	2,223	134	67	110	70	1,842	No 1,089 Ja 1,068	1,069	1,224	745	.....	3,360,469	
57	Pottery.	14	2,033	4	58	49	64	1,858	.....	2,019	1,459	510	20	24	4,015,013
58	Chinaware.	8	1,964	1	53	49	63	1,798	No 1,067 Ja 1,003	1,044	1,380	505	20	24	3,810,295
59	Earthen and stone ware.	3	49	1	4	1	1	43	Mh 60	31	31	52	52	.....	118,525
60	All other.	3	20	2	1	1	1	17	De 23 Ja 14	23	18	5	5	.....	85,183
61	Poultry, killing and dressing, not done in slaughtering and meat-packing establishments.	6	19	6	2	1	1	10	(1) 10	11	11	11	11	.....	14,515
62	Printing and publishing, book and job.	2,536	37,626	2,248	2,390	3,427	3,465	26,096	.....	28,617	23,050	5,270	228	00	91,035,831
63	Job printing.	2,203	30,088	2,054	1,788	1,358	1,103	23,695	De 26,189 Oc 19,003	26,155	21,428	4,505	180	36	57,470,592
64	Book publishing and printing.	33	1,816	16	58	121	144	1,477	Jy 1,545 No 1,340	1,431	818	570	22	21	5,029,466
65	Book publishing without printing.	237	4,808	117	476	1,923	2,069	283	No 311 De 222	317	159	155	1	2	20,702,452
66	Linotype work and typesetting.	63	854	61	68	25	50	641	De 752 Oc 484	714	654	40	19	1	1,707,331
67	Printing and publishing, music.	61	1,637	34	118	674	356	457	.....	400	408	81	1	.....	4,642,297
68	Printing and publishing.	9	501	3	17	15	14	452	De 485 Mh 406	485	406	79	1	.....	1,469,780
69	Publishing without printing.	52</													

MANUFACTURES—NEW YORK.

1047

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.												POWER.					
Salaries and wages.			Rent and taxes.		For materials.			Value of products.	Value added by manufacture.	Primary horsepower.				Electric horse-power generated in establishments reporting.			
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹	Rented. ²		
5,417,805	5,509,932	31,563,709	3,978,300	2,980,591	865,052	86,661,005	404,477	165,718,131	78,592,649	5,382	520	147	4,715	87	1		
1,080,616	1,137,761	8,901,192	2,786,000	672,844	430,117	13,346,989	133,348	35,081,743	21,601,406	1,366	5	1,361		2			
2,518,880	2,508,251	15,157,821	288,074	1,386,386	191,453	44,757,459	207,076	78,559,632	33,594,097	2,141	415	7	1,719	285	3	3	
281,330	236,936	1,154,649	108,390	151,391	18,030	5,407,280	20,771	9,028,792	3,600,741	358	5	68				4	
661,713	870,146	2,240,876	276,055	265,287	129,101	9,642,019	28,141	17,495,179	7,825,019	376			376		5	5	
866,266	756,788	4,109,171	459,781	504,583	96,351	13,507,258	76,141	25,552,885	11,970,486	1,141	100	67	974	87	6	6	
508,121	456,210	1,773,568	415,211	209,196	364,183	6,074,787	155,081	11,880,655	5,050,787	2,090	905	257	11	1,517	335	7	
366,949	179,168	1,309,341	415,211	200,909	263,734	3,222,036	118,701	7,471,587	4,130,250	2,035	594	236	11	1,194	77	8	
120,141	270,305	363,187	187	5,707	89,426	2,679,908	82,253	4,108,989	1,396,828	617	305	17		295	258	9	
21,031	6,679	41,040	2,580	11,028	172,243	4,127	300,079	123,709	38	6	4		28	10			
160,206	180,501	1,331,870	74,125	51,075	92,187	2,227,520	308,452	5,645,759	3,109,787	13,256	4,292	153	950	7,861	1,219	11	
324,494	235,706	1,111,441	13,576	123,908	108,972	4,292,596	49,796	7,392,516	3,050,124	1,117	470	200	35	412	178	12	
302,021	181,308	1,632,931	10,422	141,344	27,828	1,665,091	48,279	5,137,725	3,424,355	1,221	205	30	57	15	914	13	
85,975	24,357	855,603	4,576	41,386	1,476,150	38,992	2,864,829	1,349,687	1,017	300	15		702		14		
221,637	193,630	344,419	20,094	61,046	2,471,904	50,434	3,923,011	1,400,678	983	454	10		519	316	15		
124,975	80,959	218,223	12,508	56,848	1,822,090	38,235	2,974,869	1,114,535	645	269	10		366	269	16		
98,662	112,680	126,191	7,586	4,198	649,805	12,199	948,142	286,138	338	185			153	47	17		
76,984	65,536	370,677	8,292	48,518	43,485	604,943	13,104	2,050,667	1,381,500	261		19		242		18	
20,642	20,718	288,858	676	11,903	10,387	168,304	18,487	683,169	496,378	384	110	20		254		19	
1,409,868	823,089	8,085,280	20,800	573,278	623,270	21,729,348	310,071	37,975,813	15,039,304	6,784	3,575	160	303	2,756	915	20	
513,174	172,375	3,993,403	14,282	145,211	407,059	6,268,953	130,792	13,569,119	7,160,374	5,421	3,575	25	13	1,803	1,070	21	
127,883	36,207	420,488	62,271	21,557	109,539	625,354	22,784	1,663,745	1,015,607	620	325		295	180	22		
165,139	172,392	888,347	6,201	531,132	29,216,719	170,342	35,594,700	6,207,699	5,951	1,706		250	3,995	305	23		
217,667	355,124	831,379	24,282	95,474	6,672,191	72,077	8,082,044	2,337,776	2,908	2,532	5		371	15	24		
24,666	11,731	59,839	300	14,331	1,674,541	17,794	1,893,486	201,151	546	307			179		25		
15,803	12,950	121,872	2,600	32,516	651,306	34,439	1,376,270	690,525	2,003	1,950	53		26				
27,705	11,601	24,788	1,450	5,086	333,958	2,145	303,968	267,865	70	20	5		45		27		
149,498	318,752	174,880	19,932	42,931	8,012,386	17,699	4,208,320	1,178,235	289	195			94	15	28		
875,081	1,123,101	6,744,521	3,958	118,088	1,707,172	4,789,088	425,768	20,099,441	14,884,585	8,105	215	5	7,945		29		
1,374,425	1,486,078	2,984,497	44,495	196,402	56,723,199	528,477	44,120,831	16,578,155	11,145	5,901	420	233	140	4,431	2,440	30	
3,185,616	1,290,381	22,114,221	85,440	227,475	4,368,760	68,134,358	8,189,385	129,381,032	52,427,230	415,306	81,127	15,510	526	20,017	57,226	48,887	31
1,068,073	301,417	5,313,025	31,132	95,801	912,286	18,156,624	2,314,715	5,060,301	1,586,725	26,093	785	410,17	791	11,138	4,702	32	
87,096	39,352	845,088	68,051	109,527	3,065,245	308,331	5,060,301	1,586,725	36,241	2,010	87,31,310	2,325	2,026	33			
2,030,413	859,612	15,950,158	54,317	65,623	3,340,947	46,912,489	6,196,339	92,364,146	39,155,318	321,943	52,119	14,725	29,211,307	43,763	42,159	34	
1,013,382	984,684	8,081,440	32,992	271,973	1,257,497	15,830,451	246,127	26,882,747	10,800,169	8,334	5,255	235	136	600	2,108	5,220	35
89,404	63,020	302,007	11,691	29,519	11,920	278,746	2,034	1,461,648	1,179,808	62			62		36		
3,281,276	2,535,672	3,676,076	87,712	507,084	4,277,553	24,377,522	263,777	57,957,977	33,310,678	6,230	3,631	31	43	5	2,520	1,511	37
2,683,584	1,968,731	2,984,897	65,290	394,351	4,019,384	19,132,586	212,468	48,357,369	28,012,315	4,071	2,791	8	5	1,267	1,511	38	
597,692	566,941	711,179	22,422	112,733	258,269	5,244,936	51,309	9,600,608	4,304,363	2,159	840	31	85		1,253		39
369,927	138,858	2,247,617	8,668	75,527	108,025	1,481,651	399,276	5,619,106	3,738,179	26,232	12,762	1,100	200	200	11,880	2,028	40
328,889	431,999	1,158,953	11,255	76,159	1,061,824	2,844,997	18,524,935	8,241,645	322	8,215,113			68		204		41
39,040	7,303	438,632	13,304	15,108	1,364	761,107	6,030	1,460,002	692,805	126		5		121		42	
1,309,137	1,603,829	1,680,676	216,250	342,191	716,310	12,136,036	38,461	25,409,207	13,324,710	632	15	6		611		43	
621,757	360,007	2,091,094	854,044	111,305	180,605	8,934,855	117,942	16,551,523	7,498,726	2,412	935	75	62	100	1,240	383	44
297,079	149,615	1,735,989	150	61,792	178,396	2,150,142	55,919	5,797,774	5,797,774	1,559	375	3		1,207	254	45	
107,274	113,673	1,105,013	150	42,410	50,049	1,201,255	36,182	3,515,380	2,307,943	1,167	125	3		1,039		46	
189,805	35,942	630,976	5,096	19,382	50,269	948,887	19,737	2,252,394	1,283,770	418	250			168	254	47	
2,594,299	8,805,441	15,367,917	4,477,770	5,140,404	34,268,888	796,497	89,664,225	54,593,880	28,134	9,605	2,735	37		10,757	9,833	48	
1,144,425	680,083	3,748,032	84,575	215,357	88,787	1,558,172	89,702	10,194,232	8,551,358	890		20	1	880		49	
749,131	681,855	2,311,010	19,451	179,733	788,809	16,176,438	176,636	25,098,087	8,743,663	2,787	1,300			1,255	338	50	
407,267	354,429	1,484,105	13,325	43,526	620,468	9,048,092	107,969	14,189,695	10,693,634	1,237	1,052			185	333	51	
341,864	327,426	842,905	6,126	136,207	164,841	7,128,346	68,667	10,906,942	3,709,929	1,550	248			232	1,070	52	
316,391	492,413	2,001,345	48,224	48,916	187,530	2,565,388	80,635	9,448,718	6,802,695	1,145	250	32		863	275	53	
481,573	1,119,472	4,182,281	3,279	58,031	328,444	6,103,520	111,944	15,076,862	8,861,398	4,309	1,510	1,598	113	65	1,023	1,997	54
217,115	207,295	1,077,743	62,888	64,650	29,881	2,724,742	75,006	4,893,813	2,094,085	2,418	1,135	225		1,045	410	55	
291,111	343,402	2,337,223	157,166	141,957													

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				
		Total.	Propri- tor- and firm- mem- bers.	Salaried offi- cers, super- intend- ents, and man- agers.	Clerks, etc.	Wage earners.			Total.	16 and over.		Under 16.	
					Male.	Fe- male.	Aver- age num- ber.	Number, 15th day of—		Male.	Fe- male.	Male.	Fe- male.
													Capital.

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

1	Printing and publishing, newspapers and periodicals.	1,582	49,584	702	3,241	12,956	9,431	23,164	24,370	10,822	4,204	245	39	Dollars, 150,435,054	
2	Printing and publishing.	124	20,067	51	700	5,835	2,626	10,705	De 11,552	Oc 9,737	11,568	9,982	1,491	59	36
3	Printing, publishing, and job printing.	662	16,612	506	833	2,023	1,501	11,089	De 12,088	Oc 10,869	12,096	9,345	2,503	185	3
4	Publishing without printing.	706	12,905	235	1,558	5,098	5,304	710	Mh 749	My 690	700	495	210	1	36,601,718
5	Printing materials.	18	250	8	24	32	16	179	Ja 190	Jy 168	180	183	5	1	690,255
6	Pulp goods.	9	1,264	4	66	249	189	756	De 925	Mh 670	950	827	123		6,281,036
7	Pumps, not including power pumps.	25	661	15	50	63	38	495	De 562	Ap 433	587	508	19		1,019,073
8	Pumps, steam and other power.	20	2,252	4	73	177	211	1,787			1,880	1,844	34	1	9,015,508
9	Steam pumps.	9	861	2	30	49	41	739	Mh 810	Oc 572	782	782			3,219,715
10	Other power pumps.	11	1,391	2	43	128	170	1,048	Mh 1,102	Jy 989	1,063	1,062	34	1	5,795,793
11	Refrigerators.	22	735	13	36	44	21	631	Jy 661	Au 534	657	638	17	2	1,040,040
12	Regalia, and society badges and emblems.	31	323	32	21	17	21	232	No 257	Ap 213	254	118	132	4	530,516
13	Roofing materials.	18	607	13	32	105	64	483			547	529	17	1	3,022,347
14	Metal shingles and ceiling.	5	20	6	1	3	1	9	Do 15	Oe 8	16	18			170,228
15	All other.	13	677	7	31	102	63	474	Se 564	Ja 282	531	513	17	1	8,443,124
16	Rubber tires, tubes, and rubber goods, not elsewhere specified.	40	6,213	15	186	332	200	5,370	Do 6,203	Mh 4,774	6,288	4,476	1,751	19	28,043,157
17	Rules, ivory and wood.	7	192	3	10	10	10	150	No 180	My 143	177	121	44	12	355,223
18	Saddlery and harness.	91	359	92	20	14	223	223	Se 235	Ja 212	232	223	9		927,505
19	Salt.	16	1,961	5	56	118	44	1,728	Au 1,917	Fo 1,698	1,851	1,739	100	3	15,307,038
20	Sand-lime brick.	4	56	6	1	49	49	49	Mh 68	28	70	70			99,938
21	Sausage, not made in slaughtering and meat-packing establishments.	157	816	174	51	44	34	513			580	557	22	1	2,784,626
22	Sausage.	138	717	149	45	30	28	456	Do 513	Ap 433	513	495	18		2,340,489
23	Sausage casings.	19	99	25	6	5	0	57	Do 68	My 50	67	62	4	1	444,137
24	Saws.	17	303	13	23	16	25	316	Fe 335	Oe 300	319	277	42		2,334,677
25	Scales and balances.	13	647	8	21	58	42	518	Jy 542	Ja 485	530	508	22		1,268,051
26	Screws, machine.	8	170	5	18	7	5	144	Do 168	Ap 125	160	130	7	2	441,623
27	Sewing machines and attachments.	13	441	7	26	42	16	350	Do 462	Ap 208	461	447	14		1,317,764
28	Shipbuilding, steel.	28	27,631	2	345	1,033	264	25,087			21,755	21,719	10	17	62,491,297
29	Yards where work on new vessels was done.	14	17,725	2	163	732	182	16,648	Mh 20,030	Oc 10,890	11,165	11,100	5		36,518,254
30	Boats under 5 tons and repair work.	14	9,906	2	182	301	82	9,339	Ja 11,580	Oc 7,354	10,590	10,550	19	12	26,078,043
31	Shipbuilding, wooden, including boat building.	133	8,054	109	307	180	60	7,308			7,347	7,320	18		20,118,106
32	Yards where work on new vessels was done.	40	5,195	24	287	94	30	4,700	Ja 5,264	Oc 4,202	4,516	4,520	17		17,654,318
33	Yards engaged entirely on repair work.	43	2,341	39	80	71	22	2,120	Ap 2,790	No 1,516	2,340	2,340			7,410,834
34	Boats under 5 tons.	47	500	45	28	12	7	408	Jy 522	Do 314	448	447	1		1,000,815
35	Masts, spars, oars, and thörigging of vessels.	3	18	1	2	3	1	11	Oe 16	Ap 6	13	13			47,139
36	Shirts.	334	14,349	413	478	816	500	12,130	Do 14,415	Jy 10,384	14,919	3,600	11,147	20	83
37	Show cases.	21	248	20	24	6	5	103	No 202	Ja 174	204	196	8		322,580
38	Signs and advertising novelties.	172	2,930	139	183	288	198	2,172	Do 372	Fe 215	2,504	1,728	752	13	4,710,933
39	Electric signs.	11	365	4	23	19	24	295	Do 372	Fe 215	372	365	7		422,701
40	Other signs.	123	843	116	60	30	33	604	Do 651	Ja 537	602	549	109	4	1,204,228
41	Advertising novelties.	38	1,772	19	100	239	140	1,273	Do 1,458	Ap 1,107	1,470	814	630	9	11
42	Silk goods.	181	14,693	140	433	493	285	13,342			14,404	5,661	8,520	70	147
43	Finished products.	138	10,441	102	336	411	29	9,377	Do 10,149	Mh 8,936	10,162	4,100	5,870	53	133
44	Throwsters and winders.	43	4,252	38	97	82	70	3,965	Do 4,385	Ja 3,894	4,242	1,501	2,650	17	14
45	Silversmithing and silverware.	35	1,158	20	66	137	62	873	Do 966	Ja 786	912	848	63	1	3,584,336
46	Slaughtering and meat packing.	130	8,705	120	266	1,303	370	6,046	Mh 6,001	No 5,784	6,931	6,700	251		60,314,547
47	Smelting and refining, not from the ore.	11	230	13	19	52	19	186	Ja 201	My 107	192	192			3,110,564
48	Soap.	56	6,505	17	430	620	1,333	4,150	So 4,512	Mh 3,842	4,195	3,021	1,172	1	1
49	Soda-water apparatus.	24	156	22	17	6	9	102	Ap 112	Ja 92	103	102	1		540,147
50	Sporting and athletic goods.	49	1,095	45	55	44	29	892	Do 1,018	Ja 903	1,058	918	435	3	3,001,349
51	Springs, steel, car and carriage, not made in steel works or rolling mills.	20	870	14	57	83	23	743			827	804	22	1	1,820,095
52	Carriage, wagon, and automobile.	10	574	4	37	25	11	497	Do 503	Ja 308	505	558	0	1	1,334,808
53	Railway, machinery, and other.	10	296	10	20	8	12	246	Ja 200	Jy 211	202	246	10		485,287
54	Stamped and enameled ware, not elsewhere specified.	74	9,108	31	281	470	357	8,059	Do 8,908	Ja 7,398	9,010	7,282	1,680	20	22
55	Stationery goods, not elsewhere specified.	77	3,040	49	157	205	215	2,354	Do 2,503	Ja 2,200	2,501	1,095	1,370	2	25
56	Statuary and art goods.	59	413	69	30	14	7	293	Oc 342	Ja 251	320	317	12		1,017,150
57	Steam fittings and steam and hot-water heating apparatus.	36	5,709	11	122	287	175	5,114			6,826	6,704	118	3	10,174,832
58	Radiators and cast-iron heating boilers.	17	4,854	3	85	209	133	4,424	Do 6,171	My 3,925	6,171	6,112	57	2	15,202,019
59	All other.	19	855	8	37	78	42	600	Ja 816	Au 609	654	502	61	1	3,912,813
60	Steam packing.	33	980	20	58	52	80	770	Do 822	Ap 734	824	653	171		4,063,167
61	Stencils and blinds.	10	158	16	9	4	7	122	Mh 133	Oe 113	122	86	35	1	257,273
62	Stereotyping and electrotyping.	47	1,350	25	97	130	50	1,048	Do 1,121	Fe 973	1,090	1,071	25	3	3,078,118
63	Stoves and hot-air furnaces.	20	2,170	6	119	178	94	1,773			2,039	2,032	5	2	6,972,630
64	Stoves and ranges.	15	1,527	5	82	114	52	1,272	Do 1,457	Ja 1,021	1,457	1,163	4		4,308,956
65	Hot-air furnaces.	5	643	1	37	64	40	501	Do 582	Ja 435	582	579	1	2	2,063,575
66	Stoves, gas and oil.	20	1,379	9	73	147	77	1,073	No 1,224	So 904	1,200	1,152	48		4,445,888
67	Structural ironwork, not made in steel works or rolling mills.	301	6,282	221	427	596	4,872	5,339	My 4,682	5,355	5,205	55	5		19,201,996

1 Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).

2 Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-horse or transmitted power from neighboring power plants).

MANUFACTURES—NEW YORK.

1049

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.												POWER.									
Salaries and wages.					Rent and taxes.		For materials.		Value added by manufacture.	Total.	Primary horsepower.					Electric horsepower generated in establishments reporting.					
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.				Owned.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹		Rented. ²				
13,399,255	32,142,575	30,813,390	24,008,073	2,801,550	4,278,812	81,580,594	1,213,294	252,109,402	169,306,514	31,551	5,133	100	1,222	286	24,810	2,913	1				
3,731,253	13,734,360	14,406,276	1,108,834	1,080,126	2,410,981	43,572,297	617,310	103,308,085	59,118,472	16,326	3,950	100	316	12,060	1,968	2					
3,232,277	4,439,600	15,067,315	507,318	676,886	1,033,616	19,160,438	574,717	58,075,705	38,340,550	14,627	1,183	100	906	256	12,152	944	3				
6,435,725	13,968,615	1,249,799	22,331,921	1,044,538	934,215	18,856,859	21,261	90,725,612	71,847,492	498	120	38	598	79	18	5					
74,790	78,711	108,369	1,248	29,496	20,210	461,416	14,834	1,253,997	777,747	237	120	38	598	79	18	5					
263,112	461,912	968,134	134	3,050	112,714	4,568,966	137,122	8,414,717	3,708,029	2,575	422	725	1,428	316	6						
170,769	110,747	484,463	2,900	19,973	48,043	1,134,003	21,170	2,383,605	1,228,426	588	72	49	29	430	20	7					
377,155	467,020	2,151,790	1,507	18,213	320,600	3,192,283	113,971	8,096,864	4,790,610	3,204	1,558	79	50	1,487	2,197	8					
142,566	130,463	990,631	660	12,600	140,741	1,252,559	44,690	3,269,375	1,972,126	1,446	225	30	50	1,141	340	2,197	10				
234,589	336,557	1,161,168	847	5,613	179,858	1,939,724	69,281	4,827,489	2,818,854	1,758	1,363	49	46	264	818	218	11				
153,614	97,375	638,948	36,162	37,424	1,164,866	22,710	2,631,150	1,443,574	1,158	1,220,580	620,477	76	76	76	76	76	12				
61,169	52,519	237,310	71,056	32,074	3,312	592,778	7,325	1,220,580	620,477	76	76	76	76	76	76	76	12				
120,038	244,185	581,525	4,375	7,621	111,582	2,926,887	147,434	5,079,178	2,004,857	2,876	415	2,461	13	126	126	14					
936	3,748	18,688	4,375	2,665	1,131	70,028	1,738	124,064	52,898	126	126	126	126	126	126	14					
119,102	240,437	562,857	4,956	110,431	2,856,859	145,696	4,954,514	1,051,959	2,750	415	2,335	15	14,450	4,956	16						
997,189	962,323	5,963,127	860,514	118,072	1,267,363	16,351,555	581,798	33,032,202	16,099,849	21,778	5,505	1,817	14,450	4,956	16						
24,254	17,067	131,068	564	5,117	2,997	111,406	8,508	419,303	209,389	276	150	56	70	17							
28,741	23,878	240,899	31,093	4,535	808,230	7,903	1,435,448	619,216	126	126	126	126	126	126	18						
338,291	320,623	1,784,269	5,690	400,573	2,877,244	1,033,258	9,098,775	5,183,273	7,219	6,298	650	66	50	155	2,551	19					
7,448	500	40,182	34,616	229	35,244	11,724	165,471	118,503	500	476	2,173	165	5	245	1,758	21					
173,566	87,213	732,959	840	77,019	24,597	7,415,317	96,638	9,637,913	2,175,958	2,173	173	173	173	173	173	21					
137,090	74,008	674,799	490	70,428	21,193	6,936,122	90,664	8,968,957	1,942,171	2,052	165	233	1,654	25	22						
36,467	13,120	58,160	350	7,191	3,404	479,195	5,974	718,056	233,787	121	5	12	104	23							
165,402	59,476	325,880	2,107	10,913	184,734	732,521	32,764	2,561,476	1,736,101	1,070	300	178	502	74							
123,845	132,050	558,117	156	40,384	24,264	883,343	18,718	2,170,589	1,298,528	279	279	279	279	279	279	25					
60,750	14,488	148,165	2,219	10,090	12,241	163,202	10,562	467,317	293,493	283	85	85	65	133	26						
81,045	72,030	411,584	20,694	4,820	222,163	8,978	1,104,345	873,204	254	65	12	12	177	27							
1,835,078	2,126,914	42,312,289	758,440	98,350	6,215,330	30,271,130	1,023,110	103,461,267	72,167,027	39,396	6,060	150	550	32,636	882	28					
860,283	1,582,019	24,835,510	505,727	50,488	1,396,361	20,718,737	619,108	59,148,770	37,805,925	23,415	5,680	150	550	17,035	882	29					
974,795	544,295	17,476,779	252,713	47,862	4,818,069	9,552,393	404,002	44,317,497	34,361,102	15,981	380	380	15,601	30							
1,253,094	349,084	10,740,034	240,804	104,097	818,822	9,848,652	411,944	28,550,857	18,290,261	13,371	6,124	783	35	6,429	7	31					
801,003	172,868	6,732,053	35,061	111,819	531,887	6,879,306	310,416	17,513,721	10,323,999	9,902	5,245	395	4,322	32							
389,875	147,303	3,467,731	208,503	62,202	264,021	2,216,775	88,271	9,270,000	6,971,620	2,619	620	255	35	1,709	7	33					
76,936	26,341	532,077	5,250	18,801	22,914	727,899	13,165	1,657,888	916,824	729	259	128	344	34							
5,280	2,572	16,273	3,185	24,672	24,672	66,046	41,119	2,035,802	29,727	77,818	61	7	54	35	35						
1,758,435	2,280,887	9,558,566	8,882,301	648,916	840,874	60,189,865	205,847	97,851,812	37,456,100	4,014	1,405	72	190	2,347	436	36					
61,708	14,703	220,473	24,022	1,533	397,942	6,940	844,665	439,783	284	58	58	226	37								
539,138	772,315	2,145,087	52,428	163,811	56,309	3,359,572	53,355	8,442,151	5,029,224	1,737	798	12	35	894	166	38					
74,553	48,088	368,020	19,385	3,445	618,692	3,887	1,253,171	635,592	20	300	300	300	300	300	300	20					
170,587	75,711	723,041	25,656	78,380	11,745	705,078	19,741	2,480,060	1,761,241	608	8	35	359	101	40						
343,998	648,516	1,053,417	26,772	66,046	41,119	2,035,802	29,727	4,697,920	2,632,391	1,054	496	496	515	65	41						
1,089,410	1,374,709	11,757,847	4,980,390	596,620	2,309,123	45,607,918	72,832	81,682,672	35,201,822	25,232	7,884	1,465	630	1,085	14,268	6,386	42				
1,551,791	1,72,301	8,470,259	3,974,079	430,288	1,931,779	20,975,521	397,091	57,167,221	21,724,609	10,071	3,778	1,340	480	615	3,858	5,273	43				
407,625	202,408	3,278,332	1,006,311	157,332	377,344	18,692,397	325,741	24,515,351	15,161	4,108	125	50	470	10,410	1,113	44					
249,707	225,138	1,132,167	17,895	65,508	31,602	1,810,134	34,571	4,513,858	2,669,153	928	450	450	20	463	225	44					
1,371,839	2,469,887	8,908,272	47,029	433,922	618,703	228,812,625	1,206,249	250,038,393	25,980,870	18,799	10,870	788	235	6,911	3,881	46					
131,220	159,288	237,548	522	10,209	90,590	42,298	14,761,049	2,083,846	418	2,083,846	25	25	393	393	393	393	47				
1,448,120	1,828,558	4,318,587	1,888	48,858	657,989	36,901,901	882,303	50,843,837	13,059,633	8,142	4,965	2,405	2	770	7,485	48					
35,205	18,522	134,669	28,000	20,216	895	407,950	4,620	868,453	395,883	132	10	10	122	49							
131,666	52,901	852,312	31,968	39,774	47,421	1,832,405	35,455	3,540,149	1,678,229	569	76	46	447	50							
800,319	112,411	799,332	13,72																		

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					
		Total.	Propri- tors and firm mem- bers.	Sal- ried offi- cers, super- in- ten- dents, and man- agers.	Clerks, etc.		Wage earners.			Total.	16 and over. ¹		Under 16.	
					Male.	Female.	Average num- ber.	Number, 15th day of—	Maximum month.		Male.	Female.	Male.	Female.	Capital.

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

1	Sugar, refining, not including beet sugar.	5	7,502	3	131	845	234	6,289	Jy	7,190	De	5,057	6,020	5,400	521	Dollars. 67,013,732	
2	Sulphuric, nitric, and mixed acids.	3	408	—	31	23	16	398	De	442	Jy	352	440	437	2	1	
3	Surgical appliances.	74	2,549	58	164	411	204	1,652	Je	1,721	Jy	1,615	1,662	998	653	7,534,835	
4	Suspenders, garters, and elastic woven goods.	80	1,565	90	62	114	61	1,238	De	1,350	Ap	1,124	1,35	557	789	6	
5	Textile machinery and parts.	30	872	21	56	45	44	706	De	826	Ja	630	825	780	39	—	
6	Theatrical scenery.	6	115	1	17	16	9	72	Au	94	Ja	45	76	74	1	1	
7	Tinware, not elsewhere specified.	75	7,691	50	172	374	206	6,889	De	7,287	Ja	6,323	7,392	5,635	1,753	3	
8	Tobacco, chewing and smoking, and snuff.	70	310	66	23	23	8	190	—	—	—	198	113	84	—	1,407,098	
9	Plug or chewing.	12	103	8	9	9	2	75	Se	122	Ap	65	77	35	42	604,000	
10	Smoking.	44	173	46	12	13	4	98	Mh	103	Ja	95	104	68	35	690,658	
11	Snuff.	7	11	6	—	1	2	2	(4)	2	(4)	2	2	2	—	58,735	
12	All other.	7	23	6	2	—	—	15	(4)	15	(4)	15	15	8	7	54,596	
13	Tobacco, cigars and cigarettes.	2,103	26,182	2,249	1,013	1,227	598	21,095	—	—	—	23,336	11,626	11,633	23	54	
14	Cigars.	2,085	18,858	2,101	725	501	185	15,166	Mh	18,871	Jy	8,148	16,854	9,114	7,283	22	35
15	Cigars and cigarettes.	78	7,324	58	288	636	413	5,929	No	6,080	My	5,174	6,332	2,512	4,350	1	19
16	Tools, not elsewhere specified.	181	3,664	166	245	216	110	133	3,004	—	—	—	3,346	3,108	143	5	10,400,770
17	Shovels, spades, scoops, hoes, and carpenters' tools, not elsewhere specified.	11	582	7	26	17	10	522	De	504	My	494	565	543	22	2,052,433	
18	Machinists' tools.	88	1,468	71	130	41	50	1,176	No	1,294	Je	986	1,328	1,286	39	3	3,594,113
19	All other.	82	1,014	88	89	58	73	1,306	De	1,450	Mh	1,242	1,453	1,369	82	2	3,014,233
20	Toys and games.	192	4,298	175	218	144	136	3,625	Se	4,023	Ja	2,753	3,602	2,272	1,651	26	13
21	Trunks and valises.	158	2,527	144	171	168	94	1,950	Oc	2,131	Ja	1,719	2,168	1,972	180	6	5,807,300
22	Typewriters and supplies.	36	6,587	13	227	451	496	5,400	—	—	—	6,542	5,037	1,503	2	19,617,458	
23	Typewriters and parts.	14	5,795	1	179	248	339	5,028	De	6,130	Ja	4,442	6,139	4,757	1,382	—	16,805,384
24	Carbon paper.	16	675	7	34	188	152	294	No	318	Je	280	325	243	80	2	2,206,119
25	All other.	6	117	5	14	15	5	78	Ap	85	Au	72	78	37	41	545,955	
26	Umbrellas and canes.	125	1,282	157	71	77	50	927	No	1,024	Ja	860	1,036	556	475	4	1,410,156
27	Varnishes.	51	1,948	20	176	506	200	1,037	De	1,137	Fe	919	1,140	1,051	88	7	22,131,282
28	Vault lights and ventilators.	13	133	5	10	13	5	94	Oc	117	Ap	80	106	106	—	—	264,356
29	Vinegar and cider.	169	792	174	68	28	34	488	—	—	—	702	708	54	—	5,671,548	
30	Vinegar.	51	445	35	51	21	27	311	No	610	My	101	469	425	44	—	3,821,984
31	Cider.	118	347	139	17	7	7	177	No	421	My	101	293	283	10	—	1,749,564
32	Wall paper, not made in paper mills.	14	1,858	—	72	145	99	1,542	Fe	1,781	Au	1,131	1,867	1,473	370	22	2,318,210
33	Wall plaster and composition flooring.	35	1,480	6	96	180	52	1,205	De	1,455	Ja	972	1,447	1,446	1	—	6,236,366
34	Washing machines and clothes wringers.	8	513	1	39	21	23	429	De	637	Je	280	637	630	—	1	1,516,855
35	Waste.	10	539	1	35	16	13	474	Jy	564	Fe	277	525	402	63	—	2,087,410
36	Watch and clock materials, except watchcases.	7	133	5	6	8	9	105	Jy	141	Fe	71	80	24	65	—	105,021
37	Watchcases.	18	985	10	39	73	29	834	De	927	Ja	742	941	781	141	12	5,272,740
38	Whips.	6	41	5	2	3	—	31	De	35	My	27	35	24	11	—	78,942
39	Window and door screens and weather strips.	17	154	11	15	9	9	110	—	—	—	—	137	129	8	—	244,256
40	Window and door screens.	12	132	8	10	8	6	100	Jy	127	Ja	78	126	118	8	—	170,042
41	Weather strips.	5	22	3	5	1	3	10	My	14	Se	8	11	11	—	—	68,214
42	Window shades and fixtures.	75	1,247	75	56	52	35	1,029	No	1,232	Ja	814	1,218	879	334	5	3,705,391
43	Wirework, including wire rope and cable, not elsewhere specified.	116	2,343	140	136	133	80	1,854	De	1,934	Au	1,549	1,930	1,720	200	8	6,049,879
44	Wood, turned and carved.	132	972	150	53	12	14	743	No	827	Fe	679	839	774	31	34	1,566,922
45	Wooden goods, not elsewhere specified.	35	605	23	35	25	12	410	My	504	Ja	222	345	290	52	3	2,083,674
46	Wool shoddy.	14	443	11	30	12	10	380	Se	421	Mh	339	405	366	30	—	1,872,358
47	Woolen goods.	25	3,531	11	100	34	38	3,348	De	3,999	Fe	2,678	4,049	2,501	1,615	20	14,339,283
48	Worsted goods.	14	4,630	12	100	67	28	4,404	No	3,148	Fe	3,100	5,052	2,800	2,927	16	18,029,944
49	All other industries*.	230	42,736	108	1,170	3,247	1,212	36,909	—	—	—	17	—	—	—	—	298,535,364

* All other industries embrace—	Cardboard.	1	Fuel, manufactured.	1	Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.	9
Aluminum manufactures.	13	Cars, steam-railroad, not including operations of railroad companies.	2	Graphite, ground and refined.	2	—
Ammunition.	3	Crucibles, clay.	1	Haircloth.	1	—
Baking powders and yeast.	21	Emery and other abrasive wheels.	11	Hammocks.	1	Jute goods.
Bells.	2	Explosives.	2	Hones and whetstones.	1	Linen goods.
Belting, rubber.	2	Ferroalloys.	3	Horseshoes, not made in steel works	1	Liquors, distilled.
Belting and hose, other than leather and rubber.	6	Fertilizers.	8	or rolling mills.	1	Locomotives, not made by railroad companies.
Boots and shoes, rubber.	1	Fireworks.	7	—	1	Lubricating greases.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

1	ALBANY—All industries.	382	13,528	322	633	852	805	11,216	De	12,153	Apr	10,802	12,208	8,347	3,661	22	178	41,675,252
2	Automobile bodies and parts.	4	121	8	2	7	6	98	De	112	Ja	76	110	110	—	—	184,694	
3	Automobile repairing.	22	172	19	9	18	5	121	Se	120	Ja	107	129	121	—	1	455,831	
4	Awnings, tents, and sails.	3	11	5	—	—	—	6	Je	8	De	5	6	3	3	—	37,100	
5	Blacking, stains, and dressings.	3	19	1	6	3	—	9	De	11	Jy	5	11	10	1	—	58,875	
6	Bookbinding and blank-book making.	5	40	5	—	1	1	33	De	35	Se	32	35	19	10	—	28,736	
7	Bread and other bakery products.	49	653	50	23	88	92	400	No	431	Ja	365	434	303	131	—	1,246,376	

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—NEW YORK.

1051

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.									POWER.								
Salaries and wages.			Rent and taxes.			For materials.			Value of products.	Value added by manufacturer.	Total.	Primary horsepower.				Electric horse-power generated in establishments reporting.	
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.					Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water-power. ¹	Rent-ed. ²	

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Dollars. 696,088	Dollars. 1,361,917	Dollars. 8,330,363	Dollars. 22,030	Dollars. 3,009,458	Dollars. 242,054,505	Dollars. 3,244,757	Dollars. 268,318,172	Dollars. 23,018,910	Dollars. 15,934	Dollars. 12,338	Dollars. 3,596	Dollars. 11,643	Dollars. 1
120,063	65,635	574,293	32,255	15,470	94,927	1,128,104	126,149	2,670,210	1,415,897	1,366	125	25	1,210
462,661	813,863	1,750,800	6,202	84,022	259,424	5,162,331	82,857	10,219,102	4,973,914	1,440	900	4	361
263,713	327,755	1,176,398	132,150	127,171	21,195	7,234,441	20,717	10,618,463	3,368,295	253			729
256,364	94,493	941,879	69,974	24,939	24,117	1,042,703	32,260	2,033,308	1,858,339	754		5	741
54,588	13,219	96,714		10,873	4,265	321,427	2,246	572,484	248,811	61			61
638,579	915,086	7,260,767	1,000	192,036	1,156,029	29,403,448	301,462	43,312,581	13,607,671	5,293	2,035	152	2,475
62,533	43,024	137,996	593	26,823	355,906	1,498,618	9,851	2,687,794	1,179,325	250	72		184
31,042	19,094	46,159		612	125,119	280,206	3,830	700,293	416,248	112	10		102
28,291	21,880	78,450	593	21,656	101,150	1,106,719	5,263	1,770,150	658,168	117	62		55
	2,050	2,225		990	6,804	16,363	332	51,749	35,051	17			17
	3,200	11,102		3,505	32,767	95,330	417	185,605	69,858	10			10
2,532,129	3,473,060	18,217,047	491,436	1,028,482	35,804,923	68,773,805	282,567	168,104,747	94,043,375	4,278	1,361	40	55
1,622,001	1,393,608	14,045,262	208,059	817,940	6,575,231	24,870,679	147,499	57,243,508	32,225,330	1,317	696	40	55
910,038	2,079,302	4,171,755	253,377	210,542	29,229,692	43,908,126	136,068	105,861,239	61,818,045	2,461	665		1,796
764,649	275,412	3,453,823	31,002	124,550	331,815	3,588,536	241,001	10,818,075	6,985,538	5,792	572	1,115	254
84,956	28,094	566,300	116	5,357	93,032	836,575	84,683	2,140,289	1,219,031	1,526	445	2	1,079
434,311	99,454	1,427,486	10,394	69,178	138,956	907,719	57,667	3,907,328	2,941,942	1,886	60	692	1,134
245,382	147,864	1,400,037	20,492	50,915	99,827	1,844,242	98,651	4,770,458	2,827,565	2,380	67	423	252
627,981	399,057	8,720,584	106,748	433,139	75,089	6,712,054	111,355	14,684,814	7,860,775	1,701	325	82	20
585,194	512,202	2,750,254	25,494	250,235	55,079	7,624,774	14,632	13,977,087	6,309,681	826	290	103	433
1,115,699	1,182,334	5,701,081	2,126	45,213	739,392	7,107,154	144,489	20,985,094	13,733,451	4,948	1,650	2,050	1,242
811,509	692,077	6,311,299	2,126	13,380	556,780	4,133,394	118,400	15,760,668	11,508,868	4,508	1,535	2,050	923
238,685	463,876	175,601		25,241	174,743	2,422,413	22,186	4,395,348	1,950,749	382	65		297
65,505	26,381	74,141		6,592	7,869	551,547	3,897	829,078	273,834	78	60		22
325,059	258,089	1,28,963	98,279	171,765	99,131	7,287,930	27,548	11,098,083	3,780,605	571	150	19	402
976,209	1,308,248	1,134,341	3,518	51,645	648,700	12,231,712	134,020	22,113,703	9,747,371	2,693	1,074	24	1,595
40,595	15,526	124,980	5,915	13,032	2,216	187,244	2,173	480,377	290,960	49			49
203,752	60,304	531,252	680	3,487	207,340	4,876,684	82,039	7,227,741	2,269,018	4,429	1,639	50	851
149,399	48,714	327,037	340	1,347	143,405	3,274,762	56,364	4,802,205	1,471,079	2,044	835	25	803
54,363	11,590	193,315	340	1,840	63,035	1,601,922	25,675	2,425,536	797,939	2,385	25	648	659
238,540	874,787	1,266,700	10,198	52,787	42,450	3,721,435	100,809	7,037,962	3,215,628	2,482	1,835		647
279,001	245,451	1,303,581	671	31,193	75,228	2,207,279	254,480	5,855,187	3,393,408	6,776	2,645	150	181
126,384	34,859	446,658		20,052	26,616	1,713,234	11,802	3,236,522	1,511,486	458	210		248
170,478	47,087	407,312	2,000	4,300	145,646	3,713,446	35,220	4,895,666	1,140,991	2,247			35
21,816	18,518	67,234	20	7,417	20,945	157,744	2,542	331,937	171,651	33		25	8
297,975	109,605	1,024,034	22,142	20,039	163,503	2,564,921	40,820	5,946,925	3,341,184	575	425		150
1,800	10,409	24,109		1,495	811	41,112	1,708	114,084	72,166	81	45		38
30,789	20,344	118,255		12,760	7,283	350,955	7,498	607,372	248,949	247			243
14,920	16,314	102,614		10,840	6,054	296,148	6,841	483,877	180,888	231			40
15,869	4,030	16,641		1,920	1,229	54,807	627	123,495	68,061	16			16
183,029	79,044	821,478	2,000	55,656	78,270	3,159,907	106,904	5,097,194	1,830,383	2,795	200	2,200	365
520,796	365,920	2,054,907	12,578	124,820	168,979	4,790,194	135,222	9,992,346	5,066,930	3,800	1,170	122	2,617
181,091	31,655	796,777	31,064	65,729	32,995	952,826	30,087	2,663,819	1,680,906	2,802	1,730	191	80
80,493	36,586	547,811	400	28,280	12,662	998,281	11,288	2,082,433	1,072,864	2,189	1,676	99	228
122,357	21,474	353,695		13,673	40,065	1,856,727	56,952	3,058,292	1,144,613	3,213	1,070	18	337
483,118	92,993	3,241,421	58,435	20,928	687,382	10,499,380	313,008	17,546,080	6,733,722	10,066	3,915	376	2,705
475,842	486,619	3,833,733		7,518	413,957	14,045,741	371,562	21,111,159	6,693,856	12,789	5,186	2,433	4,670
5,339,732	6,516,075	45,901,675	165,445	970,669	11,987,733	215,564,237	8,266,862	334,822,033	110,990,984	139,973	44,980	25,704	66,450

Matches.	2	Oleomargarine.	3	Smelting and refining, tin.	2	Watches.	3
Mats and matting, from cocoa fiber, grass, and coir.	2	Ordnance and accessories.	4	Steel barrels, drums, and tanks, portable.	1	Whalebone cutting.	2
Millstones.	7	Pencils, lead.	2	Tin foil, and other foils, not elsewhere specified.	6	Wire.	8
Oil and cake, cottonseed.	1	Petroleum, refining.	1	Tin plate and terneplate.	1	Wood carpet.	2
Oil, essential.	5	Pulp, from fiber other than wood.	5	Type founding.	5	Wood distillation.	21
Oil, lard.	1	Safes and vaults.	3	Upholstering materials, not elsewhere specified.	5	Wood preserving.	4
Oilcloth and linoleum, floor.	1	Smelting and refining, copper.	4	Wool pulling.	5	Wool scouring.	2
Oilcloth, enameled.	1		18		18		1

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

2,110,474	1,763,593	10,872,109	218,411	278,928	1,794,038	20,418,847	1,063,924	45,454,955	23,972,184	15,755	8,941	200	8	6,606	8,849	1
5,679	8,524	88,852	16,507	4,385	93,400	4,776	231,473	143,297	68					68		2
27,231	29,446	148,751	899	10,873	3,956	7,459	477,617	292,471	138	15				123		3
19,393	4,672	1,964	495	2,564	42,900	452	46,225	20,883	7					7		4

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.			
		Total.	Proprietors and firm members.	Salaries of officers, superintendents, and managers.	Clerks, etc.		Wage earners.		Number, 15th day of—	16 and over.		Under 16.	
					Male.	Female.	Average number.	Total.		Male.	Female.	Male.	Female.
									Maximum month.	Minimum month.			Capital.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

													Dollars.
1	ALBANY—Continued.												
2	Brick.	3	28	3	6	15	6	25	Jy	81	Fe	1	34
3	Clothing, men's.	5	112	4	6	15	6	81	Sc	124	Mh	41	124
4	Coffee, roasting and grinding.	4	111	9	6	37	7	52	De	53	Fe	49	53
5	Confectionery and ice cream.	9	155	8	6	8	8	125	Jy	156	Ja	92	124
6	Copper, tin, and sheet-iron work.	5	80	4	3	8	3	20	De	25	My	15	25
7	Food preparations, not elsewhere specified.	8	44	10	4	3	3	27	Au	29	My	24	20
8	Foundry and machine-shop products.	12	231	8	21	11	10	181	De	216	Je	137	216
9	Fur goods.	3	20	3	1	1	1	15	De	20	Mh	10	20
10	Iron and steel, welding.	3	6	4	—	1	—	1	Ap	2	De	1	1
11	Liquors, malt.	5	249	—	24	33	5	187	Se	227	Mh	148	207
12	Marble and stone work, except slate.	6	37	5	4	1	1	20	Se	41	Ap	13	24
13	Marble and stone work, except slate.	6	33	11	—	1	—	21	Se	24	Mh	18	20
14	Mineral and carbonated waters.	6	9	3	1	—	—	5	De	7	No	4	6
15	Patent medicines and compounds.	4	—	—	—	—	—	5	De	—	—	—	14,017
16	Photo-engraving.	3	36	—	6	1	1	28	Se	31	My	25	27
17	Printing and publishing, book and job printing.	40	1,117	36	30	33	54	964	—	—	—	1,010	3,485,061
18	Printing and publishing, newspapers and periodicals.	31	966	30	15	12	36	903	De	932	Fe	875	671
19	Printing, publishing, and job printing.	9	121	6	15	21	18	61	De	74	Ja	54	57
20	Publishing without printing.	20	645	13	29	150	51	402	—	—	—	410	1,351,299
21	Shirts.	8	606	3	26	140	35	402	De	420	Au	388	410
22	Tobacco, cigars.	12	39	10	3	10	16	1,175	Do	1,405	Jy	1,074	1,405
23	All other industries*.	121	8,077	78	414	427	248	6,910	No	335	Se	282	7,411
													27,703,887

*All other industries embrace—	Brushes.	2	Collars and cuffs, men's.	1	Flour-mill and gristmill products...	1
Artificial stone products.	Card cutting and designing.	1	Cork, cutting...	1	Furnishing goods, men's...	1
Bags, paper, exclusive of those made in paper mills.	Carriages and wagons, repair work only.	1	Druggists' preparations...	3	Furniture, wood, other than ratten and willow, and store and office fixtures...	2
Baking powders.	Cars and general shop construction and repairs by electric-railroad companies.	1	Dyestuffs and extracts—natural...	1	Gas, illuminating and heating...	2
Belting, leather.	Cars and general shop construction and repairs by electric-railroad companies.	1	Electrical machinery, apparatus, and supplies...	2	Gas machines and gas and water meters...	1
Billiard tables and accessories.	Cars and general shop construction and repairs by steam-railroad companies.	1	Electroplating...	1	Glass, cutting, staining, and ornamenting...	2
Boots and shoes, not including rubber boots and shoes.	Cars and general shop construction and repairs by steam-railroad companies.	3	Engraving and diesinking...	1	Gloves and mittens, cloth, not including gloves made in textile mills...	1
Boxes, set-up paper boxes and cartons.	Chemicals...	3	Engraving, steel and copper plate, including plate printing...	4	Hair work...	2
Boxes, wooden packing, except cigar boxes.	Clothing, women's.	3	Fancy articles, not elsewhere specified...	1	Hand stamps...	2
Brass and bronze products.	Coffins, burial cases, and undertakers' goods...	1	Felt goods...	1		

1	BINGHAMTON—All industries.	228	8,862	194	307	446	348	7,477	De	8,443	Jy	6,714	8,483	4,096	3,420	50	17	27,921,211
2	Artificial stone products.	3	6	3	1	—	2	Se	16	Ja	—	10	18	—	—	—	—	15,423
3	Bread and other bakery products.	23	219	27	6	18	12	150	No	167	Mh	146	167	120	40	1	—	508,388
4	Clothing, men's.	4	314	2	18	7	9	278	Oc	350	My	217	311	46	205	—	—	841,710
5	Confectionery and ice cream.	8	93	10	6	3	2	72	Jy	85	Ap	60	67	52	15	—	—	202,575
6	Copper, tin, and sheet-iron work.	5	86	6	2	—	2	26	De	31	Fe	19	31	31	31	—	—	101,440
7	Foundry and machine-shop products.	8	722	8	31	33	25	625	In	756	Ja	521	681	670	11	—	—	2,363,757
8	Furniture, wood, other than ratten and willow.	8	501	6	7	11	17	460	De	562	Ja	340	562	538	21	1	2	1,244,998
9	Lumber, planing-mill products, not including planing mills connected with sawmills.	5	170	7	10	13	4	130	De	179	Mh	103	170	170	—	—	—	613,937
10	Mineral and carbonated waters.	4	13	4	—	—	—	9	(4)	0	(4)	9	9	0	0	—	—	29,850
11	Patent medicines and compounds.	10	130	4	17	23	19	13	73	Mh	83	No	69	67	38	20	—	520,502
12	Printing and publishing, book and job printing.	19	183	19	9	8	22	125	De	55	Jy	43	145	129	15	—	1	387,701
13	Printing and publishing, newspapers and periodicals.	4	192	—	27	69	26	70	De	86	Ja	60	83	81	2	—	—	333,110
14	Sausage, not made in slaughtering and meat-packing establishments.	3	11	3	—	—	—	8	(4)	8	(4)	8	8	8	8	—	—	36,875
15	Stile goods.	5	347	—	10	6	1	330	De	364	Ja	306	329	102	227	—	—	1,581,366
16	Tobacco, cigars.	37	1,762	31	54	39	12	1,616	De	1,834	Jy	1,100	1,818	289	1,623	2	4	3,187,816
17	All other industries*.	82	4,173	64	199	216	203	3,491	—	—	—	—	4,010	2,088	1,206	46	10	15,789,703

*All other industries embrace—	Boxes, cigar...	2	Cars and general shop construction and repairs by steam-railroad companies...	2	Engraving, steel and copper plate, including plate printing...	1
Agricultural implements.	Boxes, set-up paper boxes and cartons...	2	Cleansing preparations...	1	Fancy articles, paper novelties...	1
Automobiles.	Brass and bronze products...	2	Clothing, women's, undergarments and petticoats...	1	Flavoring extracts...	6
Automobile repairing.	Brick.	1	Coffee, roasting and grinding...	1	Flour-mill and gristmill products...	4
Awnings, tents, and sails.	Carpets, rag...	2	Combines and harpoons, except those made from metal or rubber...	1	Food preparations, not elsewhere specified...	1
Bookbinding and blank-book making.	Butter.	1	Clothing, women's, undergarments and petticoats...	1	Furnishing goods, men's, neckwear...	1
Boot and shoe cut stock.	Carriages and sleds, children's...	1	Coffee, roasting and grinding...	1	Furnishing goods, men's, neckwear...	1
Boots and shoes, not including rubber boots and shoes, regular factories.	Carriages and wagons, repair work only.	1	Combs and hairpins...	1	Gas, illuminating and heating...	1
	Dental goods...	1	Dental goods...	1	Glass...	1

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

CITIES OF 50,000 INHABITANTS OR MORE												
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	
12,586	21,772	20,229	600	1,595	3,874	4,215	47,523	39,434	195	195	1	
15,050	34,593	74,315	3,432	2,577	244,723	1,125	422,453	170,605	15	15	2	
12,817	18,513	22,984	9,234	3,329	445,155	3,797	596,656	147,704	154	75	3	
4,000	1,720	116,093	2,078	33,552	492,255	17,701	834,926	324,970	620	45	4	
10,080	4,009	21,870	2,600	370	33,635	1,003	72,076	37,438	28	6	5	
70,528	17,589	220,925	7,553	8,320	238,273	17,538	670,234	423,423	690	475	7	
1,104	580	16,324	804	1,740	68	29,855	228	63,295	33,209	3	3	
676	2,160	960	13	9,880	225	21,160	11,075	6	6	6	9	
172,418	45,263	243,559	775,676	649,111	68,703	2,712,340	1,994,526	1,543	1,213	330	418	
6,434	1,481	30,443	732	487	82,041	3,704	155,566	68,921	82	82	11	
1,200	19,758	600	1,236	61,951	1,507	100,258	36,800	20	4	16	12	
1,293	3,065	240	401	3,753	105	20,927	17,069	11	11	13	14	
17,715	798	35,241	1,810	75	10,450	883	87,075	75,787	543	543	15	
178,608	64,116	901,732	138,376	26,316	32,883	1,205,103	23,911	3,221,850	1,992,836	645	100	
137,136	28,772	921,878	8,888	15,700	31,959	1,113,361	21,286	2,092,070	1,557,423	527	2	
41,472	35,344	69,859	129,488	10,526	924	91,742	2,025	529,780	455,413	118	17	
71,398	206,926	425,010	56,803	53,674	22,359	453,290	20,508	1,640,431	1,164,633	655	655	
68,681	188,726	425,010	50,505	22,064	452,290	20,508	1,512,973	1,040,175	655	655	19	
2,717	18,200	56,803	3,079	295	3,000	127,458	124,458	21	21	144	141	
31,375	6,044	437,733	6,539	16,245	1,278	85,257	12,168	752,910	655,485	22	22	
24,955	9,371	196,091	13,738	98,519	417,521	2,816	884,220	463,883	23	23	23	
1,359,975	1,154,099	7,287,976	14,391	98,934	776,717	13,511,008	820,479	28,954,938	14,623,451	10,188	3,168	7,828

Hats and caps, other than felt, straw, and wool.....	2	Mattresses and spring beds, not elsewhere specified.....	3	Phonographs and graphophones.....	1	Steam fittings and steam and hot-water heating apparatus.....	1
Iron and steel forgings, not made in steel works or rolling mills.....	1	Millinery and lace goods, not elsewhere specified.....	1	Pickles and sauces.....	1	Stoves, gas and oil.....	1
Jewelry.....	2	Models and patterns, not including paper patterns.....	1	Roofing materials.....	1	Structural ironwork, not made in steel works or rolling mills.....	3
Jewelry and instrument cases.....	2	Musical instruments and materials, not specified.....	1	Saddlery and harness.....	1	Tinware, not elsewhere specified.....	1
Knit goods.....	3	Musical instruments, pianos.....	2	Sausage casings.....	1	Tobacco, chewing.....	2
Lasts.....	1	Oil, not elsewhere specified.....	2	Saws.....	1	Toys and games.....	2
Lithographing.....	1	Optical goods.....	2	Sights.....	1	Window shades and fixtures.....	2
Lumber and timber products.....	1	Paper and wood pulp.....	2	Slaughtering and meat packing.....	1	Wirework, not elsewhere specified.....	1
Lumber, planing-mill products, not including planing mills connected with sawmills.....	4	Paper goods, not elsewhere specified.....	1	Soap.....	1	Wood, turned and carved.....	1
Machine tools.....	2			Sporting and athletic goods.....	1		
				Stamped ware.....	1		
				Stationery goods, not elsewhere specified.....	2		

Glass, cutting, staining, and ornamenting.	1	Mirrors, framed and unframed, not elsewhere specified.	1	Photographic materials, motion-picture projection films.	1	Tinware, not elsewhere specified.	1
Gloves and mittens, leather.	1	Models and patterns, not including paper patterns.	1	Rubber tires, tubes, and rubber goods, not elsewhere specified.	1	Tobacco, chewing and smoking.	1
Hand stamps.	2	Musical instruments, organs.	1	Tools, not elsewhere specified.	1	Tools, not elsewhere specified.	1
Hardware.	1	Musical instruments, pianos.	1	Varnishes.	1	Varnishes.	1
Liquors, malt.	1	Optical goods.	2	Washing machines and clothes wringers.	1	Washing machines and clothes wringers.	1
Marble and stone work, monuments and tombstones.	1	Paper goods, not elsewhere specified.	1	Whips.	1	Whips.	1
Mattress and spring beds, not else-	1	Perfumes and cosmetics.	2	Wirework, not elsewhere specified.	2	Wirework, not elsewhere specified.	1

* Some number reported for one or more other months.

³ Same number reported for one or more other.
⁴ Same number reported throughout the year.

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Proprietors and firm members	Salaried officers, superintendents, and managers	Clerks, etc.		Wage earners.		Total.	16 and over.		Under 16.		
					Male.	Female.	Average number.	Number, 15th day of—		Male.	Female.	Male.	Female.	
								Maximum month.	Minimum month.					

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

																			Dollars.
1	BUFFALO—All industries.....	2,093	93,407	1,502	4,200	6,643	5,163	75,800	De	82,022	Mh	71,075	82,463	70,137	11,804	287	175	465,804,208	
2	Artificial limbs.....	4	20	3	2	2	1	12	Ja ^a	13	Oc	10	12	12	12	12	12	20,270	
3	Artificial stone products.....	10	114	5	14	5	3	87	De	124	Fe	36	113	113	113	113	113	243,039	
4	Automobile bodies and parts.....	38	2,306	33	94	52	86	2,041	De	2,385	Jn	1,503	2,378	2,231	143	4	4	7,096,009	
5	Automobile repairing.....	154	1,042	143	70	24	42	703	Oc	849	Mh	649	854	845	8	1	1	1,370,700	
6	Awnings, tents, and sails.....	7	71	4	9	7	5	46	Ja	87	In	23	53	30	23	23	23	119,322	
7	Bags, other than paper, not including bags made in textile mills.....	5	267	3	11	24	14	215	Oc	264	Fe	148	230	45	185	185	185	937,480	
8	Baskets, and rattan and willow ware.....	4	12	3	1	1	1	7	(4)	7	(4)	7	7	7	7	7	7	21,070	
9	Blacking, stains, and dressings.....	8	202	2	33	40	14	203	Au	259	My	147	153	66	79	79	8	1,945,846	
10	Bluing.....	3	17	1	3	1	1	11	Ja	20	My	87	19	8	11	11	11	35,928	
11	Bookbinding and blank-book making.....	16	129	13	4	—	3	109	De a	115	Ja ^a	103	115	44	65	65	3	180,156	
12	Boots and shoes, not including rubber boots and shoes.....	11	528	7	26	25	23	447	Au	471	Ja	418	406	262	180	180	10	5,528,078	
13	Bread and other bakery products.....	215	2,491	209	59	411	138	1,074	De	1,772	Ja	1,590	1,786	1,274	607	4	1	8,273,114	
14	Brick.....	3	93	1	3	2	1	86	Au	111	Mh	60	77	77	77	77	77	280,842	
15	Brooms, from broom corn.....	8	21	10	—	—	—	—	Ja	12	Ap ^a	10	10	10	10	10	10	26,216	
16	Carpets, rag.....	5	26	4	8	—	2	17	My ^a	21	Mh	14	17	13	4	4	4	80,785	
17	Carriages and wagons, including repairs.....	9	45	9	3	—	—	33	—	—	—	—	31	31	31	31	31	97,052	
18	Carriages and wagons.....	4	8	5	—	—	—	3	Ja ^a	4	My ^a	3	3	3	3	3	3	8,200	
19	Repair work only.....	5	37	4	3	—	—	30	Fe	34	Se	27	28	28	28	28	28	88,852	
20	Cars and general shop construction and repairs by steam-railroad companies.....	15	4,178	—	107	116	87	3,918	De	4,193	Mh	3,706	4,193	4,161	32	32	32	5,802,803	
21	Cheemicals.....	5	147	8	35	27	27	77	Se	85	Ja	70	75	75	75	75	75	1,471,884	
22	Clothing, men's.....	45	1,555	63	44	52	48	1,348	—	—	—	—	1,431	525	892	3	11	3,578,400	
23	Regular factories.....	23	1,252	34	44	52	48	1,104	—	—	—	—	1,160	442	713	3	11	3,508,769	
24	Men's and youths'.....	19	1,103	29	39	40	47	1,020	De	1,083	Ja	914	1,084	437	634	2	11	3,405,350	
25	All other.....	4	89	5	5	3	1	75	Jy	87	Ja	64	85	5	79	1	1	103,413	
26	Contract work.....	22	273	29	—	—	—	244	De	262	Jo	221	262	83	179	179	179	69,631	
27	Clothing, women's.....	13	700	9	36	30	45	536	—	—	—	—	640	54	501	1	24	1,077,399	
28	Regular factories.....	4	46	2	3	1	1	39	Ja	43	Jy	30	37	7	29	29	29	80,125	
29	Contract work.....	9	600	7	33	29	44	547	De	603	Ap	495	603	47	532	1	23	901,174	
30	Coffee and spice, roasting and grinding.....	13	73	9	13	11	7	33	Ja ^a	34	Oc ^a	31	32	19	13	13	13	303,092	
31	Confectionery and ice cream.....	61	1,068	57	68	80	57	806	No	688	Je	490	836	409	424	3	3	3,503,627	
32	Confectionery.....	54	775	55	49	68	36	567	De	634	Ja	226	405	405	405	405	405	2,014,589	
33	Ice cream.....	7	293	2	10	12	21	230	Jy	320	Ja	160	202	183	19	19	19	1,570,038	
34	Cooperage.....	10	63	8	2	—	3	50	De	57	Fe	45	57	57	57	57	57	365,282	
35	Copper, tin, and sheet-iron work.....	87	617	83	41	15	17	461	Jy	491	Mh	420	517	473	41	3	3	1,047,286	
36	Corsets.....	4	15	5	—	—	2	8	Ja ^a	8	Mh ^a	7	8	8	8	8	8	17,438	
37	Druggists' preparations.....	13	214	6	18	30	21	130	De	167	Mh	123	167	127	40	40	40	908,954	
38	Electrical machinery, apparatus, and supplies.....	11	774	2	31	47	82	612	De	793	Jy	428	795	350	434	2	2	2,170,200	
39	Electroplating.....	12	99	12	2	1	3	81	De	91	Fe ^a	75	90	80	80	80	80	197,982	
40	Engines, steam, gas, and water.....	8	1,762	—	110	101	81	1,470	Ja	1,881	De	1,104	1,164	1,133	28	3	3	9,438,200	
41	Engraving and die-sinking.....	6	21	6	—	—	1	14	Oc ^a	19	Fe ^a	11	18	17	17	17	17	35,045	
42	Engraving, steel and copper plate, including plate printing.....	7	118	4	12	3	7	92	De	120	Ja	72	112	41	69	2	2	139,042	
43	Fancy articles, not elsewhere specified.....	4	39	3	6	1	3	26	No	35	Ja	17	30	12	17	17	17	62,637	
44	Flavoring extracts.....	11	60	12	7	7	7	27	Ja ^a	29	Ja	22	28	11	16	16	16	144,095	
45	Flour-mill and gristmill products.....	12	1,264	2	51	208	71	92	Oc	1,008	Mh	837	1,062	1,002	60	60	60	21,344,286	
46	Food preparations, not elsewhere specified.....	18	573	11	25	67	61	400	Se ^a	470	Fe	338	430	315	124	124	124	3,077,360	
47	Foundry and machine-shop products.....	126	7,928	59	415	494	296	6,664	De	2,167	Jo	1,722	7,476	7,070	300	16	16	25,830,051	
48	Foundries.....	18	2,009	1	84	64	32	1,918	De	3,154	My	2,009	2,153	94	94	94	94	5,540,677	
49	Machine shops.....	97	3,500	55	248	264	103	2,800	De	3,158	Fe	2,872	281	5	5	5	5	12,080,461	
50	Boiler shops and machine shops and foundry combined.....	11	2,239	3	83	166	101	1,886	De	2,071	My	1,745	2,071	2,045	15	11	11	7,308,913	
51	Foindry supplies.....	4	35	1	10	2	3	19	Ja	23	Mh	17	20	19	1	1	1	94,818	
52	Fur goods.....	33	211	32	10	2	7	160	No	196	Fe	137	193	84	109	109	109	500,718	
53	Furniture.....	31	2,163	18	122	102	118	1,803	—	—	—	—	2,076	1,770	282	18	18	6,290,317	
54	Wood furniture, other than rattan and willow.....	20	966	12	48	46	35	825	De	963	Ja	657	902	824	120	18	18	2,154,748	
55	Rattan, willow, metal, and store office fixtures.....	11	1,107	6	74	56	83	978	No	1,102	Mh	807	1,114	952	162	162	162	4,141,569	
56	Glass, cutting, staining, and ornamenting.....	13	102	10	12	2	9	120	No ^a	147	Ja	104	148	94	53	1	2	233,788	
57	Gloves and mittens, leather.....	10	155	14	6	15	7	113	Oc	178	Ap.	97	112	44	63	3	2	328,366	
58	Grease and tallow, not including lubricating greases.....	5	66	5	5	5	4	47	Jy	55	My	41	48	47	1	1	1	421,016	
59	Hair work.....	3	6	4	—	—	—	2 (4)	2 (4)	2 (4)	2	2	2	2	2	2	2	7,850	
60	Hand stamps.....	3	34	2	3	8	3	18	Ja ^a	18	Au ^a	10	18	16	1	1	1	66,556	
61	Hardware.....	4	124	2	6	5	3	108	De	158	Fe	66	158	122	35	35	35	307,248	
62	Hats and caps, other than felt, straw, and wool.....	7	102	10	3	7	4	78	De	96	Ja ^a	64	97	33	62	2	2	106,354	
63	Ice, manufactured.....	7	102	—	23	7	18	144	Se	176	Fe	102	127	125	2	2	2	1,840,711	
64	Instruments, professional and scientific.....	7	673	3	23	24	27	506	De	680	Ja	535	683	536	137	10	10	1,231,508	

MANUFACTURES—NEW YORK.

1055

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.												POWER.									
Salaries and wages.			Rent and taxes.			For materials.			Value added by manufacturer.	Primary horsepower.				Electric horsepower generated in establishments reporting.							
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Total.	Owned.			Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹	Rent-ed. ²					
23,700	7,447	103,438	246	4,089	1,612	141,015	5,402	357,148	210,731	104	26	165	3	1,904	21	4	163	21	5	58	
261,228	144,141	2,519,367	9,652	53,354	94,704	5,216,898	65,141	9,070,112	3,788,073	2,222	319	40	643	4	12	25	25	6	59		
127,312	41,954	964,982	1,128	113,114	18,432	943,014	34,493	2,693,102	1,715,595	683	2	2	25	12	10	12	10	10	10	6	
22,387	9,888	44,794	6,468	224	123,806	1,313	246,183	121,064	27	2	2	25	12	10	10	10	10	10	10	6	
53,409	39,628	124,040	59,845	1,871,256	18,549	2,284,281	394,470	305	125	125	125	125	125	125	125	125	125	125	125	7	
1,820	678	7,207	900	223	15,325	105	34,840	19,410	1	1	1	1	1	1	1	1	1	1	1	8	
128,045	72,876	166,274	5,070	49,149	2,282,725	8,151	3,061,321	770,445	486	457	3	26	223	9	12	10	10	10	10	10	
7,459	900	9,917	464	88	22,703	455	47,814	24,656	12	12	12	12	12	12	12	12	12	12	12	10	
10,478	2,975	94,741	5,182	7,617	1,281	59,277	3,415	276,105	213,413	114	35	35	35	35	35	35	35	35	35	11	
66,140	117,747	416,331	16,454	23,588	1,537,070	9,773	2,625,320	1,078,486	295	156	156	156	156	156	156	156	156	156	156	12	
179,841	1,054,341	1,745,550	50	70,716	160,525	8,808,725	202,411	14,428,273	5,357,137	2,470	824	27	1,619	266	13	13	13	13	13	13	
13,697	6,615	118,685	1,900	6,982	81,070	27,637	344,372	234,756	150	50	100	100	100	100	100	100	100	100	100	14	
8,795	1,370	288	43,643	398	69,273	25,232	63,138	105	12	12	12	12	12	12	12	12	12	12	15		
6,880	1,462	13,742	3,300	1,306	6,176	1,752	71,066	137,427	85,967	49	15	15	15	15	15	15	15	15	15	16	
6,700	48,475	178	1,680	1,486	48,792	2,668	208,010	100,183	122,815	77,000	28	6	6	6	6	6	6	6	6	18	
3,378	178	480	100	5,158	487	14,612	8,967	21	15	15	15	15	15	15	15	15	15	15	19		
6,700	45,097	1,200	1,388	43,634	2,181	2,181	122,815	77,000	28	28	28	28	28	28	28	28	28	28	19		
277,234	212,634	6,070,672	60,479	5,122,788	229,828	11,963,636	6,611,020	5,842	1,505	55	4,282	300	20	981	21	21	21	21	21	20	
32,279	74,652	80,236	12,454	43,483	290,293	32,664	956,551	633,594	981	1	1	1	1	1	1	1	1	1	1	21	
161,201	134,153	1,077,197	150,979	51,743	53,343	3,180,710	16,226	5,970,709	2,773,773	269	75	40	40	154	24	22	22	22	22	22	
161,201	134,153	852,665	148,595	46,883	52,641	1,535,298	12,958	5,650,009	2,483,755	232	75	40	40	117	24	23	23	23	23	23	
157,674	130,873	811,559	148,595	42,833	52,435	2,956,622	11,805	5,351,999	2,383,572	216	75	40	40	101	24	24	24	24	24	24	
3,527	3,280	41,106	4,020	206	196,676	1,151	298,010	100,183	16	16	16	16	16	16	16	16	16	16	16		
224,532	2,384	4,860	702	27,412	3,270	320,700	290,018	37	37	37	37	37	37	37	37	37	37	37	37		
95,016	80,039	365,392	2,509	22,626	6,838	1,108,993	6,888	2,117,693	1,001,812	212	212	212	212	212	212	212	212	212	212	27	
7,850	3,175	4,120	286	86,819	888	154,408	66,701	7	7	7	7	7	7	7	7	7	7	7	23		
87,166	78,344	335,217	2,509	18,506	6,552	1,022,174	6,000	1,963,285	935,111	205	205	205	205	205	205	205	205	205	205	29	
12,178	21,857	24,168	9,047	3,552	589,091	4,914	840,750	240,745	168	15	15	15	15	15	15	15	15	15	15	30	
240,174	188,538	651,781	800,000	63,255	340,451	3,071,553	81,638	5,728,387	2,575,196	2,926	460	913	1,553	181	31	31	31	31	31	32	
147,144	154,730	377,329	800,000	63,255	245,226	1,778,118	32,902	3,308,789	1,494,369	778	460	5	313	151	32	32	32	32	32	32	
93,030	33,008	274,452	95,225	1,293,435	45,836	2,419,598	1,080,327	2,148	908	908	908	908	908	908	908	908	908	908	908	33	
5,530	1,690	60,505	750	4,112	270,057	2,804	393,583	114,722	90	80	80	80	80	80	80	80	80	80	80	34	
111,121	30,366	402,427	1,464	22,288	25,148	1,042,755	16,099	2,103,174	1,044,320	426	40	63	63	323	35	35	35	35	35	35	
1,499	4,710	490	62	13,324	189	25,421	11,908	4	4	4	4	4	4	4	4	4	4	4	4	36	
53,728	47,251	152,188	3,623	7,255	522,694	9,846	981,438	448,998	80	80	80	80	80	80	80	80	80	80	80	37	
90,207	121,161	565,314	500	5,880	89,427	736,018	34,356	2,025,029	1,254,655	683	75	22	22	588	1	38	38	38	38	38	
3,840	3,328	92,140	5,488	844	28,751	7,592	2,024,942	4,969,786	7,618	62	62	62	62	7,568	40	40	40	40	40	40	
422,471	249,027	2,185,945	3	1,723	505,941	3,188,616	100,540	8,264,942	4,669,786	66,201	46,561	13	13	13	13	13	13	13	13	13	41
743	13,482	13,482	3	930	716	18,953	687	687	687	10,328	4,250	2,700	2,700	9,378	35	45	45	45	45	45	
30,040	6,659	83,572	7,405	3,785	786	73,700	975	259,086	184,321	25	25	25	25	25	42	42	42	42	42	42	
14,300	7,442	16,810	150	1,860	10	27,763	892	72,729	44,074	32	32	32	32	32	43	43	43	43	43	43	
49,742	16,544	15,407	5,040	695	185,396	658	325,959	139,905	17	2	2	2	2	14	44	44	44	44	44	44	
391,146	351,143	1,210,799	12,000	51,585	409,289	58,030,396	267,565	66,388,076	7,190,115	10,328	4,250	2,700	2,700	9,378	35	45	45	45	45	45	
84,040	247,736	474,092	28,379	133,468	10,110,451	76,320	12,603,784	2,417,013	3,662	180	57	57	57	3,425	4	46	46	46	46	46	
1,747,118	1,284,522	10,431,597	71,545	129,233	1,199,224	11,814,317	675,116	32,041,637	19,552,204	14,191	685	721	721	12,785	493	47	47	47	47	47	
422,003	116,912	2,658,705	39,378	252,902	3,629,339	408,341	8,850,810	4,813,080	3,852	140	460	3,712	3,712	3,712	48	48	48	48	48	48	
991,247	603,080	5,584,645	71,545	84,111	428,296	6,041,339	150,311	14,495,183	8,303,533	7,074	395	460	6,219	6,219	32	49	49	49	49	49	
333,778	454,521	2,188,247	5,744	518,026	2,143,589	116,464	8,695,644	6,435,591	3,265	150	231	231	231	2,854	461	50	50	50	50	50	
24,306	5,285	15,921	360	4,211	33,946	1,816	117,560	81,798	83	83	83	83	83	83	83	51	51	51	51	51	
30,642	8,088	204,502	2,900	21,375	2,008	575,102	2,942	1,063,406	485,362	45	45	45	45	45	45	45	52	52	52	52	
402,144	303,181	1,785,013	16,838	48,043	142,233	3,788,707	77,719	7,501,573	3,635,147	2,478	665	350	1,463	1,463	185	53	53	53	53	53	
165,120	142,920	757,412	3,287	20,513	46,913	1,430,268	20,789	3,098,703	1,629,741	1,186	400	255	255	255	531	25	54	54</td			

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Propri- etors and firm mem- bers.	Sal- ried offi- cers, super- in- tendents, and man- agers.	Clerks, etc.		Wage earners:		Number, 15th day of—	Total,	16 and over.		Under 16.		
					Male.	Female.	Ave- rage num- ber.	Maximum month.	Minimum month.		Male.	Female.	Male.	Female.	

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

															Dollars.	
1	BUFFALO—Continued.															
2	Iron and steel, blast furnaces.	3	1,077	27	30	5	1,015	My	1,178	Oc	507	1,104	1,102	2	23,450,913	
2	Iron and steel, forgings, not made in steel works or rolling mills.	7	600	2	57	44	19	478	Ja	736	No	376	419	419	2,830,037	
3	Ton and steel, welding.	9	41	9	7	21	3	22	In	30	Oc	17	24	22	78,417	
4	Jewelry.	26	397	26	23	53	274	No	305	Ja	230	303	245	55	1,090,581	
5	Jewelry and instrument cases.	7	596	6	17	8	10	555	No	614	Ja	401	404	375	35	606,801
6	Lamps.	3	57	1	5	1	2	48	Se	63	Se	34	41	41	194,925	
7	Leather goods, not elsewhere specified.	3	98	3	6	3	5	81	Mh	84	Oc	78	84	64	1	124,725
8	Leather, tanned, curried, and finished.	3	540	4	15	37	18	466	De	532	Fe	370	532	478	50	6,600,586
9	Liquors, malt.	16	1,132	80	102	22	928	Jy	1,084	Do	714	870	875	1	19,368,104	
10	Lithographing.	6	710	25	20	24	641	De	700	Ap	601	701	524	107	2,209,144	
11	Looking-glass and picture frames.	11	25	16	2	1	12	De	13	Ja	12	13	12	1	55,333	
12	Lumber, planing-mill products, not including planing mills connected with sawmills.	26	1,237	9	104	68	60	996	Jy	1,110	Mh	801	1,002	1,073	19	6,111,366
13	Machine tools.	3	37	1	5	2	3	26	Jy	41	Ja	11	30	30	104,393	
14	Marble and stone work.	13	236	8	20	10	7	191				227	220	7	625,271	
15	Monuments and tombstones.	8	69	5	5	7	3	49	So	55	Ja	39	56	56	218,421	
16	Other marble and stone work, except slate.	5	167	3	15	3	4	142	Sg	173	Ja	90	171	164	7	406,850
17	Mattresses and spring beds, not elsewhere specified.	9	103	6	9	3	6	79	Oc	85	Mh	73	81	64	10	240,374
18	Milinery and lace goods, not elsewhere specified.	11	146	11	7	5	2	121	Au	153	Je	77	126	9	84,042	
19	Mineral and soda waters.	21	116	12	17	12	3	72	Je	92	Fe	58	65	61	3	293,503
20	Models and patterns, not including paper patterns.	12	100	18	3	1	3	75	De	88	Ja	67	88	88	1	186,604
21	Oil, hotel elsewhere specified.	10	276	4	26	100	42	104	Se	120	Ap	88	105	101	4	1,500,915
22	Optical goods.	13	201	9	17	11	10	154	De	169	Ja	129	134	35	643,222	
23	Paper goods, not elsewhere specified.	3	52	1	4	1	1	46	Jy	47	Ja	46	46	20	70,048	
24	Patent medicines and compounds.	44	625	21	62	111	202	229				236	81	150	1	3,497,471
25	Patent and proprietary medicines.	30	624	15	49	89	185	186	Oc	199	Jy	163	193	55	133	2,850,344
26	Patent and proprietary compounds, including compounds not elsewhere specified.	14	101	6	13	22	17	43	Ap	52	Ja	29	43	26	17	638,127
27	Paving materials.	5	257	17	10	3	227	Oc	306	Ja	76	220	220		906,779	
28	Perfumery and cosmetics.	10	18	13	1	1	3	In	5	Ap	3	4	1	3	32,800	
29	Photographic apparatus.	4	10	4	3			3	(*)	3	(*)	3	2	1	8,007	
30	Photo-engraving.	5	89	5	7	6	5	66	My	73	Ja	54	71	67	2	104,688
31	Printing and publishing, book and job.	128	1,156	120	81	53	67	835				955	886	252	14	2,420,896
32	Job printing.	118	1,065	113	60	50	53	780	De	809	Ja	603	807	649	234	2,120,675
33	Book publishing and printing.	3	43	2	2	1	7	31	Ap	32	Je	30	32	15	17	119,494
34	Book publishing without printing.	4	19	4	7	1	7								136,038	
35	Linotype work and typesetting.	3	29	1	3	1	1	24	Fe	27	Au	22	26	22	1	46,789
36	Printing and publishing, newspapers and periodicals.	48	1,724	15	89	107	156	1,057				1,112	964	126	22	5,656,824
37	Printing and publishing.	3	382	2	17	74	38	251	De	260	Au	248	260	219	4	588,883
38	Printing, publishing, and job printing.	15	1,050	6	52	259	71	602	De	701	Fo	630	704	615	71	2,983,070
39	Publishing without printing.	30	292	7	20	74	47	144	My	147	Ja	141	148	130	18	1,984,801
40	Rubber tires, tubes, and rubber goods, not elsewhere specified.	3	1,466	29	104	39	1,294	De	1,050	Mh	948	1,050	1,537	113		9,007,147
41	Saddlery and harness.	9	45	8	6	1	4	26	Se	35	Ap	20	32	32		169,804
42	Sausage, not made in slaughtering and meatpacking establishments.	23	120	22	7	2	7	82				98	95	3		343,602
43	Sausage.	20	100	19	5	1	5	70	No	78	Ja	62	78	77	1	288,478
44	Sausage casings.	3	20	3	2	1	2	12	No	20	My	9	20	18	2	55,124
45	Saws.	3	76	2	7	6	6	55	Ja	66	Oc	46	54	30	15	190,157
46	Screws, machine.	3	85	2	6	4	4	69	No	78	Ja	50	76	70	2	193,861
47	Shipbuilding, wooden, including boat building.	5	173	4	6	2	1	160	Ap	412	Jy	42	212	212		648,100
48	Shirts.	3	129	2	6	9	10	102	De	114	Ja	76	115	8	107	439,303
49	Signs and advertising novelties.	19	271	14	22	9	22	204	De	213	Ja	186	215	157	3	383,055
50	Slaughtering and meat packing.	29	2,430	24	62	295	129	1,920	De	2,165	Jy	1,785	2,151	1,938	213	20,788,341
51	Soup.	9	3,459	224	100	1,060	2,075	1,727	Ap	2,022	2,069	1,250	818		1	23,657,338
52	Steam packing.	3	49	3	10	4	32	Se	34	Jy	31	32	27	5		238,112
53	Stereotyping and electrotyping.	5	87	2	7	5	7	66	Oc	71	Fe	58	71	68	3	179,882
54	Structural ironwork, not made in steel works or rolling mills.	14	1,138	8	42	136	31	921	Fe	998	Mh	848	915	890	22	3,652,818
55	Tobacco, chewing and smoking, and snuff.	7	12	8			4					5	1	4		9,778
56	Smoking.	4	9	5			4	Ja	5	Ja	4	5	1	4		6,910
57	Snuff.	3	3	3												2,808
58	Tobacco, cigars.	108	381	112	8	7	254	No	266	Ap	233	267	222	45		540,713
59	Tools, elsewhere specified.	20	737	18	42	28	38	611				711	692	17	2	1,856,727
60	Machinists' tools.	11	173	7	21	10	9	120	De	161	Fe	112	161	155	4	439,280
61	All other.	9	564	11	21	18	29	485	De	550	Mh	431	550	537	13	1,417,447

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—NEW YORK.

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COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.												POWER.									
Salaries and wages.			Rent and taxes.			For materials.			Value of products.	Value added by manufacture.	Primary horsepower.								Electric horsepower generated in establishments reporting.		
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Total.		Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹	Rented. ²							
183,944	125,716	858,445	5,202	119,127	1,972,768	2,505,144	7,396,799	7,353,527	21,395,266	6,614,934	64,880	56,880	8,000	15	3,586	3,586	187	1			
25,635	2,304	41,613	5,975	2,520	15,601	14,321	133,443	103,521	192	40	85	67	3						3		
55,474	137,661	318,367	14,890	22,892	10,906	513,994	6,283	1,373,823	853,540	144	40	40	104	27	4				4		
98,318	24,789	312,544	20,552	10,192	6,017	331,270	6,055	1,014,239	676,914	148	75	50	23	5					5		
8,924	2,035	51,384	700	630	5,041	55,124	1,845	150,932	93,963	85	25	60	60	6					6		
16,730	16,891	49,266	2,770	1,224	52,768	457	179,104	125,879	17			17							7		
79,100	130,626	515,622	101,787	5,570,419	50,767	8,104,766	2,483,580	1,792	210											8	
406,224	195,769	1,036,274	31,665	4,280,883	1,809,736	249,878	11,256,470	9,198,856	5,293	4,610	683	1,863	9							9	
205,045	162,326	657,521	28,193	19,564	1,147,240	18,123	2,491,787	1,326,424	633	385	50	198	290	10						10	
4,000	260	11,500	4,180	699	42,320	374	78,237	35,543	7			7								11	
273,741	133,836	1,080,104	6,553	89,396	3,030,585	56,790	6,100,646	2,400,991	4,408	2,805	465	1,138	1,061	12						12	

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
175,598	145,473	1,931,242	5,202	119,127	1,972,768	2,505,144	7,396,799	7,353,527	21,395,266	6,614,934	64,880	56,880	8,000	15	3,586	3,586	187	1		
183,944	125,716	858,445	5,202	119,127	1,972,768	2,505,144	7,396,799	7,353,527	21,395,266	6,614,934	64,880	56,880	8,000	15	3,586	3,586	187	1		2
25,635	2,304	41,613	5,975	2,520	15,601	14,321	133,443	103,521	192	40	85	67	3							3
55,474	137,661	318,367	14,890	22,892	10,906	513,994	6,283	1,373,823	853,540	144	40	40	104	27	4					4
98,318	24,789	312,544	20,552	10,192	6,017	331,270	6,055	1,014,239	676,914	148	75	50	23	5						5
8,924	2,035	51,384	700	630	5,041	55,124	1,845	150,932	93,963	85	25	60	60	6						6
16,730	16,891	49,266	2,770	1,224	52,768	457	179,104	125,879	17			17								7
79,100	130,626	515,622	101,787	5,570,419	50,767	8,104,766	2,483,580	1,792	210											8
406,224	195,769	1,036,274	31,665	4,280,883	1,809,736	249,878	11,256,470	9,198,856	5,293	4,610	683	1,863	9							9
205,045	162,326	657,521	28,193	19,564	1,147,240	18,123	2,491,787	1,326,424	633	385	50	198	290	10						10
4,000	260	11,500	4,180	699	42,320	374	78,237	35,543	7			7								11
273,741	133,836	1,080,104	6,553	89,396	3,030,585	56,790	6,100,646	2,400,991	4,408	2,805	465	1,138	1,061	12						12
12,667	3,268	20,916	3,284	291	20,745	1,837	78,874	56,202	50			50								13
64,756	24,113	201,348	7,561	6,950	381,163	10,432	846,451	453,856	569			490								14
12,972	14,216	76,005	4,745	1,737	136,127	2,676	301,021	182,218	174			95								15
51,784	9,897	185,343	2,816	5,213	245,036	7,756	544,430	291,688	395			395								16
23,290	11,400	74,935	5,943	8,999	283,441	3,922	482,653	195,290	122			3								17
15,915	7,544	70,787	8,101	2,015	219,573	920	384,777	164,275	14			14								18
56,177	27,657	70,412	8,460	14,582	184,792	6,336	436,038	244,910	109			1								19
23,083	3,990	122,427	5,442	647	40,007	3,413	243,054	199,634	165			5								20
72,987	216,529	140,628	5,551	41,732	2,182,711	13,965	3,016,291	819,615	215			110								21
64,567	24,061	174,042	12,850	16,420	117,611	6,772	543,756	419,373	224			224								22
7,426	624	23,700	8,722	127	103,012	791	142,867	39,094	85			78								23
266,073	314,108	184,231	24,913	20,615	580,707	1,762,987	20,049	5,789,304	4,008,783	439			289							24
214,133	151,182	253,180	151,930	24,763	16,709	510,537	1,513,589	17,907	5,108,843	3,637,347	243			93						25
51,940	60,926	32,301	150	3,846	14,170	240,398	2,142	620,961	369,421	196			196							26
48,845	14,124	295,105	8,658	7,559	15,264	184,500	43,525	734,503	506,568	3,467			200							27
5,800	3,120	2,433	2,212	2,160	390	12,981	60	28,634	15,594	3			3							28
18,425	7,778	93,100	9,013	4,601	651	33,082	2,584	276,285	240,509	38			38							29
252,649	108,996	902,811	145,114	68,831	21,909	1,513,003	20,047	4,104,893	2,562,843	1,251			60							30
171,399	87,528	839,400	51,864	60,119	21,100	1,392,954	27,606	3,521,874	2,101,314	1,150			48							31
2,500	7,981	25,291	7,140	1,300	300	30,871	966	91,094	59,257	90			12							32
73,550	12,187	86,114	6,285	316	84	84,100	316	427,453	343,293											33
5,200	1,300	38,111	1,127	103	5,018	475	64,472	58,979	5											34
282,171	560,565	1,520,930	165,110	38,290	93,249	2,570,729	47,362	6,737,700	4,169,109	1,445			995							35
45,760	76,449	354,752	1,440	15,557	884,256	10,751	1,735,858	840,849	405			15								36
157,716	333,428	901,178	11,636	30,988	64,164	1,087,090	29,113	3,602,757	2,458,554	793			733							37
58,695	145,688	214,000	153,454	5,862	13,528	509,381	7,998	1,449,085	841,706	247			247							38
176,461	151,067	1,581,161	150	834	13,835	57,665	6,375	309,496	335,456	575			10,489							39
4,122	3,122	27,268	1,680	900	87,402	746	146,778	58,030	17			17								40
10,527	7,176	103,951	700	6,604	972,267	21,123	1,289,805	206,415	646			322								41
7,860	4,891	80,353	700	6,271	876,218	18,623	1,148,964	254,123	598			286								42
2,667	2,285	14,598	7,110	2,750	98,092	4,669	140,841	42,292	48			286								43
25,255	22,574	40,127	7,110	2,750	98,091	4,669	268,873	166,112	80			80								44
19,297	10,274	71,755	5,826	1,591	90,610	4,457	233,429	138,362	150			85								45

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					
		Propri- etors and firm members	Salaried officers, super- intendents, and managers	Clerks, etc.		Wage earners.				Total.	16 and over.		Under 16.		Capital.
				Male.	Female.	Average number.	Number, 15th day of—	Maximum month.	Minimum month.		Male.	Female.	Male.	Female.	

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

	BUFFALO—Continued.	Total.	Propri- etors and firm members	Salaried officers, super- intendents, and managers	Clerks, etc.	Average number.	Number, 15th day of—	Maximum month.	Minimum month.	Total.	Male.	Female.	Male.	Female.	Dollars.	
1	Toys and games.	3	6	3	1	3	2	De	9	Ja	0	9	4	5	4,610	
2	Trunks and valises.	4	149	3	8	8	127	Se	134	Je	118	127	97	30	525,423	
3	Wall plasterer and composition flooring	3	43	6	3	4	35	Oc	41	Mh	27	40	39	1	185,772	
4	Wirework, not elsewhere specified.	8	209	8	13	12	16	Se	172	My	145	167	137	30	489,708	
5	All other industries*	245	38,100	132	1,406	2,766	1,632	32,164	34,942	30,988	3,798	70	207,170,249

*All other industries embrace—	Card cutting and designing.	1	Cotton, small wares.	1	Glue, other than fish, not elsewhere specified.	1
Agricultural implements.	Carriage and wagon materials.	1	Dairymen's, poultrymen's, and apiculturists' supplies.	8	Gold, leaf and foil.	1
Airplanes, seaplanes, airships, and parts.	Carriages and sleds, children's.	1	Dental goods.	8	Gold and silver, reducing and refining, not from the ore.	2
Automobiles.	Cars and general shop construction and repairs by electric railroad companies.	2	Emery and other abrasive wheels.	2	Hardware, saddlery.	1
Baking powders.	Cars, steam-railroad, not including operations of railroad companies.	2	Enameling.	1	Hats, straw.	1
Belting, woven.	Cement.	1	Engraving, wood.	1	Horseshoes, not made in steel works or rolling mills.	1
Belting, leather.	Chewing gum.	2	Envelopes.	3	House-furnishing goods, not elsewhere specified.	2
Boxes, cigar.	China decorating, not including that done in potteries.	1	Fertilizers.	1	Ink, printing.	2
Boxes, paper, shipping containers, and set-up paper boxes.	Cleansing and polishing preparations.	9	Fire extinguishers, chemical.	2	Ink, writing.	2
Boxes, wooden packing, except cigar boxes.	Clothing, men's, buttonholes.	1	Furnishing goods, men's, neckwear.	1	Iron and steel, steel works and rolling mills.	4
Brass, bronze, and copper products.	Coal-tar products.	2	Galvanizing.	1	Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.	1
Brushes.	Collins, burial cases, and under-takers' goods.	1	Gas and electric fixtures.	6	Iron and steel, 303,294	1
Butter.	Cordials and flavoring syrups.	2	Gas, illuminating and heating.	1	2,261,331	1
Canning and preserving, fish.	.....	1	Gas machines and gas and water meters.	2	3,038,557,492	1

1	NEW YORK CITY—All industries.	32,590	825,056	35,101	36,894	71,178	43,107	638,775	De	674,708	Ja	610,175	702,234	468,444	280,665	1,457	1,668	
2	Artificial limbs.	13	111	11	8	8	7	77	Ja	91	De	68	68	64	4	300,205		
3	Artificial stone products.	20	161	17	14	9	3	118	Se	155	Fe	84	120	120	1	538,417		
4	Automobile bodies and parts.	177	3,076	155	244	141	88	2,447	Fe	280	No	1,909	2,122	2,575	136	5,479,506		
5	Automobiles.	9	1,105	1	90	184	55	775	De	1,058	Ja	472	1,070	1,008	3	8,383,281		
6	Automobile repairing.	341	5,290	304	261	551	298	3,876	Oc	4,052	Ja	3,515	3,983	3,906	16	9,415,938		
7	Awnings, tents, and sails.	122	1,031	116	71	58	46	740	My	912	Se	606	679	516	5	2,036,946		
8	Babbitt metal and solder.	28	787	18	42	135	43	549	De	628	Fo	406	628	599	7	4,078,140		
9	Bags, other than paper, not including bags made in textile mills.	42	1,231	37	61	70	47	1,010	De	1,204	My	880	1,204	530	667	6,104,730		
10	Bags, paper, exclusive of those made in paper mills.	14	685	15	40	35	21	574	Se	622	Fo	519	606	228	33	2,943,733		
11	Baskets, and rattan and willow ware.	44	437	54	18	14	9	342	No	307	Mh	317	361	270	8	1,303,294		
12	Belting, leather.	24	490	20	27	72	27	344	Ja	370	Ap	320	351	329	22	2,261,331		
13	Billiard tables, bowling alleys, and accessories.	10	150	15	20	21	6	88	De	100	Ja	75	94	92	1	374,778		
14	Blacking, stains, and dressings.	25	707	11	47	114	42	493	Mh	553	No	430	430	230	108	2,405,533		
15	Bluing.	3	20	1	1	1	1	17	De	10	Ja	15	19	5	14,388	1		
16	Bookbinding and blank-book making.	339	8,606	340	357	377	391	7,141	Au	7,291	Ja	6,016	8,282	3,578	4,039	23	13,698,409	
17	Boot and shoe cut stock.	14	154	15	10	10	4	115	De	131	Ja	99	139	106	31	2,381,142		
18	Boot and shoe findings.	66	716	73	63	34	27	529	De	605	Ja	462	600	468	133	6	2,126,512	
19	Boots and shoes, not including rubber boots and shoes.	248	14,688	203	675	410	520	12,880	.....	.....	.....	14,515	10,000	3,466	40	19	39,657,552
20	Regular factories.	217	14,004	178	636	355	404	12,341	No	13,898	Mh	0,185	13,866	10,616	3,162	39	37,803,135	
21	Contract work.	5	22	6	30	55	20	523	No	16	(6)	16	16	16	2	1	7,040	
22	Stitching, buttonholes, and foot-wear, other than boots and shoes.	20	662	19	30	55	20	523	No	636	My	462	633	381	302	1	1,847,377	
23	Boxes, cigar.	18	827	17	34	26	6	744	De	779	Au	694	767	455	308	2	948,183	
24	Boxes, paper and other, not elsewhere specified.	283	10,813	245	524	454	341	9,249	De	779	Au	694	10,145	4,674	5,380	34	21,122,458	
25	Shipping containers, corrugated and fiber.	18	1,233	7	64	112	40	1,010	Jy	1,040	Ja	956	1,028	621	395	6	2,867,624	
26	Set-up paper boxes.	236	6,569	212	317	120	187	5,703	No	6,427	Se	4,448	6,439	2,167	4,209	23	7,191,192	
27	Cartons.	20	2,550	15	66	213	100	2,132	Ja	2,410	Se	1,057	2,179	1,613	503	1	10,312,793	
28	All other.	9	461	11	23	9	1	404	De	499	My	307	490	273	219	4	750,849	
29	Boxas, wooden packing, except cigar boxes.	73	1,752	74	105	91	32	1,450	No	1,625	Se	1,166	1,032	1,590	5	37	4,890,606	
30	Brass, bronze, and copper products.	141	6,119	107	251	273	183	5,305	.....	.....	.....	.....	5,818	4,504	1,272	5	10,025,502
31	Brass and bronze products.	136	5,890	103	246	265	178	5,068	No	5,535	Ja	4,493	5,600	4,291	1,207	5	18,711,017	
32	All other products.	5	229	4	5	8	5	207	Ja	203	Jy	185	218	213	5	314,485	1	
33	Bread and other bakery products.	2,319	28,033	2,505	805	2,221	761	21,738	.....	.....	.....	.....	22,604	16,930	5,634	23	69,341,039
34	Biscuit and crackers.	22	10,140	11	285	944	179	8,721	Ja	9,156	My	8,405	8,604	4,506	4,080	7	33,545,488	
35	All other.	2,297	17,803	2,494	520	1,277	585	13,017	De	13,711	Ja	12,639	14,000	12,424	1,554	16	35,705,551	
36	Bisque and tile, terra-cotta, and fire-clay products.	10	455	2	23	23	11	396	Oc	557	Ja	237	574	572	2	3,052,182	1	
37	Brooms.	22	127	21	7	7	7	85	.....	.....	.....	.....	114	110	4	278,411	1
38	From broom corn.	18	109	18	6	5	6	74	No	89	Mh	40	99	95	4	170,094	1	
39	All other.	4	18	3	1	2	1	11	De	14	Ja	3	15	15	15	1	108,317	1
40	Brushes.	91	1,232	86	85	79	57	925	De	229	Ja	146	1,008	622	381	2	2,005,527	1
41	Toilet.	15	283	9	25	22	15	212	De	229	Ja	146	213	81	132	1	616,911	1
42	All other.	76	949	77	60	57	42	713	De	792	My	647	795	541	249	2	2,288,616	1
43	Buttons.	23	3,781	269	170	86	93	3,153	Au	3,463	Ja	2,757	3,221	2,030	1,158	6	5,209,208	1
44	Candles.	10	115	9	9	7	7	83	De	132	Ja	51	132	67	65	6	507,750	1
45	Card cutting and designing.	24	356	25	18	24	16	273	Au	302	Fe	234	278	140	129	7	666,729	1
46	Carpets, rag.	11	57	10	4	2	2	41	De	45	Ja	37	44	37	7	60,550	1	
47	Carriage and wagon materials.	7	41	8	2	1	1	20	Oc	34	No	24	34	31	1	94,858	1	

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—NEW YORK.

1059

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								POWER.								
Salaries and wages.			Rent and taxes.		For materials.			Value added by manufacturer.	Primary horsepower.				Electric horsepower generated in establishments reporting.			
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes Federal, state, county, and local.	Principal materials.	Fuel and rent of power.		Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹			
5,425,812	5,542,605	42,408,381	705,293	308,142	7,441,102	148,671,027	4,242,538	251,215,657	98,301,192	106,534	26,527	12,837	494	25	66,651	14,574

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

| Dollars. |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 810 | 880 | 300 | 190 | 1,885 | 83 | 6,530 | 4,562 | 6 | 6 | | | | | | | 1 |
| 36,913 | 39,519 | 141,798 | 5,516 | 24,807 | 330,255 | 2,711 | 769,743 | 427,177 | 93 | | | | | | | 2 |
| 10,865 | 8,361 | 29,611 | 300 | 2,568 | 106,392 | 4,474 | 196,415 | 85,549 | 77 | | | | | | | 3 |
| 39,781 | 16,920 | 156,850 | 1,131 | 4,960 | 14,640 | 377,990 | 5,810 | 749,354 | 365,554 | 226 | | | | | | 4 |

Iron and steel, doors and shutters...	2	Ordnance and accessories...	2	Shipbuilding, steel...	3	Textile machinery and parts...	3
Knit goods...	4	Paints...	4	Show cases...	1	Tinware, not elsewhere specified...	2
Lasts...	1	Petroleum, refining...	1	Silk goods...	4	Typewriters and parts...	1
Lend, bar, pipe, and sheet...	1	Photographic apparatus...	1	Smelting and refining, not from the ore...	2	Umbrellas and canes...	2
Lime...	1	Pickles and sauces...	4	Spring, steel, automobile...	1	Varnishes...	3
Liquors, vinous...	1	Pipes, tobacco...	1	Stationery goods, not elsewhere specified...	1	Vault lights and ventilators...	1
Malt...	7	Pocketbooks...	1	Statuary and art goods...	2	Wall paper, not made in paper mills...	1
Minerals and earths, ground or otherwise treated...	1	Pottery, chinaware...	1	Steam fittings and steam and hot-water heating apparatus...	2	Whips...	1
Mirrors, framed and unframed, not elsewhere specified...	2	Printing and publishing, music...	1	Stoves and ranges...	4	Window and door screens and weather strips...	1
Motorcycles, bicycles, and parts...	3	Printing materials...	2	Stoves, gas and oil...	2	Window shades and fixtures...	1
Mucilage and paste...	2	Pulp goods, wall boards...	1	Safes...	1	Wood distillation...	1
Musical instruments, organs...	1	Pumps, not including power pumps...	1	Safes, ivory and wood...	2	Wood, turned and carved...	2
Musical instruments, pianos...	1	Pumps, steam and other power...	3	Scales and balances...	1	Wooden goods, not elsewhere specified...	1
Needles, pins, and hooks and eyes...	1	Refrigerators...	3	Safes, garters, and elastic woven goods...	3	Wool pulling...	1
Oil, linseed...	4	Roofing materials...	1				
Oleomargarine...	1	Rules, ivory and wood...	1				
		Safes...	1				
		Scales and balances...	1				

151,357,191	174,814,550	305,822,451	194,383,224	57,789,946	131,593,128	2,801,619,388	59,856,730	5,260,707,577	2,399,231,459	718,577	305,930	36,042	19,693	324	356,583	111,032	1
12,410	10,427	71,095	1,800	18,164	335	64,744	3,160	251,270	183,357	34	6	28					2
33,928	16,066	152,421	1,500	16,483	29,217	314,928	9,003	694,058	370,127	170	120	32	24			3	
849,031	391,343	2,943,680	84,371	473,069	217,818	4,479,737	129,081	11,249,656	6,639,838	3,289	330	108	2,835	123		4	
317,212	253,506	1,042,216		38,080	141,171	2,340,378	42,555	4,211,210	1,828,282	1,460	1,100		360	400		5	
711,399	990,051	5,199,872	88,748	880,540	143,746	6,889,195	178,268	16,389,643	9,322,110	2,833		111	2,722			6	
350,855	159,409	947,794	14,741	131,162	39,456	4,325,771	19,532	7,183,793	2,818,490	369		3	366			7	
255,281	279,785	669,336	2,940	19,847	174,204	7,309,931	98,878	9,302,840	1,893,531	991	80	35	876			8	
333,680	176,782	661,802	21,101	85,207	660,855	16,849,510	28,007	20,809,085	3,913,568	820	300		517			9	
244,633	89,540	464,423	125	51,084	132,499	3,551,025	30,123	5,493,363	1,912,215	485	125		310			10	
74,479	27,950	329,800	7,829	22,766	288,095	572,609	4,990	1,691,240	1,113,641	74	18		56			11	
146,725	231,846	389,247		70,513	44,732	3,101,440	20,390	4,902,164	1,771,334	1,229	1,030	15	184	57	12		
33,092	16,946	108,390	1,033	21,683	5,380	354,080	2,281	681,879	325,512	68			68			13	
263,366	287,761	352,736		73,064	47,283	1,881,618	12,618	4,132,087	2,237,851	271	125	80	15			14	
3,120	1,332	11,712	2,616	31	49,944	117	76,538	26,477		4		4				15	
1,408,999	890,356	7,035,759	115,247	710,511	215,178	7,578,150	162,488	22,112,233	14,371,595	3,625	70	76	3,479			16	
44,332	18,848	105,049		11,756	1,738	703,440	4,751	18,154,170	14,385,978	193		143				17	
140,132	40,602	582,497	29,302	58,320	18,493	1,774,606	28,018	3,366,138	1,563,514	613		613				18	
2,839,892	1,777,235	10,751,343	238,809	607,840	690,203	30,527,762	261,534	68,478,600	35,680,304	6,487	1,320	30	5,137	337		19	
2,502,114	1,580,066	16,148,447	225,898	551,554	627,060	28,454,482	249,175	62,633,235	33,929,578	6,347	1,320	5	5,022			20	
237,453	850	1,746	1,043	4,650	1,943	11,043	11,316	45,716	40,023	15			15			21	
337,778	197,169	578,443	12,061	54,540	69,143	2,068,030	11,799,649	1,719,703	125			25			100		22
155,052	50,213	658,438	4,605	49,641	35,903	895,565	18,811	2,188,084	1,273,658	796	540	2	254			23	
1,959,752	1,345,069	9,098,876	126,125	891,283	685,185	15,027,440	285,105	36,532,291	21,219,746	6,945	2,375	1,315	168	3,087	800	24	
404,260	282,451	869,969	4,884	155,264	206,263	2,588,029	43,710	5,637,137	3,005,398	605	60	8	539			25	
1,120,240	412,155	5,353,724	90,740	597,924	120,488	7,424,594	117,945	19,226,870	11,684,331	1,947	100	96	1,751			26	
352,652	619,785	2,491,486	30,501	107,272	342,076	4,497,987	106,010	10,433,595	5,829,598	3,601	1,765	1,315	66	455	800	27	
82,700	30,678	373,747		30,823	16,353	516,830	17,440	1,234,689	700,410	702	450		342			28	
387,972	162,474	1,556,003	10,358	250,113	103,833	4,593,992	78,542	8,530,770	3,858,236	5,044	2,020	331	1,703	596		29	
1,126,274	630,976	5,359,717	81,519	230,061	2,188,321	12,543,810	305,773	28,928,172	16,078,589	6,093	2,113	650	763			2,567	1,557
1,101,269	620,817	5,123,490	81,519	214,659	2,188,422	12,013,189	279,706	28,043,652	15,720,157	5,594	2,113	650	751			2,080	1,557
25,005	13,159	236,227		1,899	599	500,621	26,067	385,120	355,432	499			12			487	
2,068,720	4,140,543	28,034,120	175,010	2,343,425	1,774,533	9,999,537	2,466,675	173,510,009	75,043,797	19,053	5,937	2,000	124	11,892	4,787		33
523,607	1,299,757	7,611,639		264,510	914,138	24,534,372	380,900	54,883,778	29,468,506	8,277	3,584	2,000		2,693	3,322		34
1,545,113	2,840,786	20,422,481	175,010	2,078,915	860,395	71,465,165	2,085,775	119,126,231	45,565,291	11,676	2,353	124	9,199	1,475		35	
82,522	42,403	510,027	32,804	5,652	34,793	211,662	149,725	1,327,842	960,455	1,857	1,460		397			36	
11,928	9,189	137,939		13,126	91	342,807	3,470	541,065	194,788	76		5	66			37	
8,628	6,106	122,023		9,076	91	287,477	2,873	446,937	156,387	68		5	58			38	
3,300	3,083	15,916		4,050	55,330	597	94,128	38,201	8				8			39	
311,189	168,710	1,004,944	14,994	101,239	33,899	2,592,058	31,464	5,829,460	3,205,947	504	150	83	271	100		40	
103,646	64,380	170,850	5,538	20,383	14,381	494,533	11,759</td										

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establish-ments	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				
		Total.	Propri- tors and firm mem- bers	Sala- ried offi- cers, super- in- ten- dents, and man- agers.	Clerks, etc.		Wage earners.				Total.	16 and over.		
					Male.	Fe- male.	Number, 15th day of—		Male.	Fe- male.		Male.	Fe- male.	
							Maximum month.	Minimum month.						
1. NEW YORK CITY—Con.														
2. Carriages and sleds, children's.	20	317	21	16	12	8	260	Oe	300	Fo	187	260	258	11
3. Carriages and wagons, including repair.	139	583	175	20	15	2	371	.....	.....	.....	.....	384	382	1
4. Carriages and wagons.	27	241	34	14	11	2	180	Ap	199	No	130	192	191	1
5. Repair work only.	112	312	141	6	4	.....	191	Je	199	No	178	192	191	1
6. Cars and general shop construction and repairs by electric-railroad companies.	10	4,533	.....	138	131	51	4,210	Oe	4,398	Ja	3,970	4,172	4,140	32
7. Cars and general shop construction and repairs by steam-railroad companies.	9	3,989	.....	133	132	35	3,689	De	3,925	Ja	3,532	3,925	3,800	65
8. Cash registers and calculating machines.	5	384	.....	24	11	0	340	Fo	375	Oe	266	294	271	20
9. Cheese.	7	10	10	.....	.....	6	(*)	.....	.....	.....	.....	6	5	1
10. Chemicals.	33	2,011	15	107	192	94	1,603	No	1,650	Je	1,635	1,661	1,513	147
11. Chewing gum.	8	880	2	22	47	42	767	Se	811	Ja	640	755	313	424
12. Chocolate and cocoa products.	9	1,857	.....	70	162	41	1,581	Oe	1,976	My	1,344	1,519	1,250	264
13. Cleansing preparations.	33	372	23	31	90	43	185	.....	.....	.....	.....	216	121	92
14. Polishing preparations.	24	316	19	22	82	80	157	Oe	100	Jy	99	182	101	81
15. Cloth, sponging and refinishing.	9	56	4	9	8	7	28	De	35	Ja	20	34	23	11
16. Clothing, men's.	39	1,000	28	76	35	42	810	Au	976	Ja	633	652	632	20
17. Clothing, men's, regular factories.	2,273	57,840	3,500	1,250	3,959	1,811	47,311	.....	.....	.....	.....	57,958	41,618	16,289
18. Clothing, men's and youths'.	1,204	36,022	1,782	1,146	3,997	1,751	28,000	.....	.....	.....	.....	33,010	23,683	9,432
19. Boys'.	729	24,020	1,090	754	2,846	1,057	18,873	De	23,018	Ja	14,294	22,743	17,053	5,086
20. Boys'.	309	7,755	468	250	781	361	5,895	De	6,671	Ja	4,047	6,725	4,273	7
21. Boys'.	106	4,247	204	142	270	333	3,298	Oc	3,018	Fe	2,981	3,581	2,557	1,321
22. Contract work.	1,069	21,218	1,738	113	62	60	19,245	De	17,015	Ja	8,568	24,900	18,035	6,857
23. Men's and youths'.	828	15,861	1,358	73	44	41	14,345	De	15,758	Ja	8,797	13,797	4,047	8
24. Boys'.	198	4,875	313	35	9	11	4,507	De	5,443	Ja	2,075	5,070	3,857	1,810
25. All other.	43	482	67	5	9	8	393	No	501	Ja	249	481	381	100
26. Clothing, men's, buttonholes.	52	301	63	9	5	227	.....	No	250	Ja	172	245	196	49
27. Clothing, women's.	5,089	119,627	7,219	4,531	7,111	4,924	95,842	.....	.....	.....	.....	108,523	45,335	62,833
28. Clothing, women's, regular factories.	3,344	97,629	4,538	3,909	6,855	4,767	77,500	.....	.....	.....	.....	84,521	32,722	50,470
29. Suits, skirts, and cloaks.	1,127	32,520	1,055	1,222	2,551	1,657	25,444	Se	30,393	My	17,195	29,063	22,586	6,415
30. Shirt waists and dresses, except house dresses.	1,207	37,543	1,518	1,730	2,243	2,040	30,004	Se	32,920	Fo	25,728	31,432	6,895	24,322
31. Undergarments and petticoats.	418	12,916	540	495	880	505	10,496	No	11,842	Mh	8,687	11,401	1,274	10,100
32. Wrappers and house dresses.	88	2,599	148	78	172	125	2,076	No	2,212	Fe	1,908	2,221	414	1
33. All other.	504	12,041	677	441	1,009	431	9,480	Oc	10,331	Fe	8,853	10,314	2,553	7,740
34. Contract work.	1,745	21,908	2,081	502	256	157	18,342	De	21,002	Ja	11,013	12,383	13	18
35. Suits, skirts, and cloaks.	700	8,818	1,260	211	144	62	7,142	Se	9,675	Ja	3,356	9,052	7,492	2
36. Shirt waists and dresses, except house dresses.	731	10,066	1,001	320	100	91	8,458	Se	9,558	Ja	6,084	10,486	2,010	7,513
37. Undergarments and petticoats.	38	433	52	4	2	.....	375	No	487	Ja	251	401	66	424
38. All other.	186	2,680	278	27	4	4	2,367	De	2,817	Ja	1,923	3,073	1,115	1,044
39. Coal-tar products.	29	1,608	10	140	190	91	1,162	De	1,314	Ja	995	1,340	1,170	2
40. Coffee and spice, roasting and grinding.	78	2,446	62	142	558	168	1,516	Au	1,628	Oc	1,387	1,570	955	614
41. Coffins, burlap cases, and undertakers' goods.	21	1,089	16	49	100	33	891	My	904	Au	823	860	626	235
42. Collars and cuffs, men's.	9	198	12	7	20	4	146	De	187	Fe	100	196	35	158
43. Confectionery and ice cream.	510	15,559	523	557	1,014	1,088	12,372	.....	.....	.....	.....	12,697	5,610	7,051
44. Confectionery.	216	13,450	197	474	895	1,026	10,855	Oc	11,708	Ja	9,474	11,188	4,306	6,849
45. Ice cream.	294	2,109	331	83	110	62	1,514	Jy	1,845	Ja	1,230	1,500	1,304	202
46. Cooperage.	63	1,057	73	31	16	12	925	.....	.....	.....	.....	905	905	3
47. Hogsheads and barrels.	41	961	50	24	16	10	861	Mh	1,019	My	600	839	839	.....
48. All other.	22	96	23	7	2	.....	64	Ja	67	My	58	66	66	66
49. Copper, tin, and sheet-iron work.	376	3,365	325	303	238	114	2,345	De	2,646	Fe	2,198	2,057	2,618	32
50. Cordials and flavoringsirups.	30	281	26	38	74	22	121	Au	1,422	Po	98	123	110	13
51. Corslets.	60	3,758	39	131	202	375	2,949	De	3,374	Ja	2,573	3,773	1,012	2,693
52. Cotton goods.	267	7	16	19	18	18	207	Oc	244	Ap	183	218	125	93
53. Cotton small wares.	11	392	9	11	13	11	348	Ja	371	My	331	336	146	190
54. Cutlery and edge tools.	26	940	19	44	128	52	697	De	1,027	Ja	877	887	616	270
55. Razors.	9	841	3	35	126	51	624	De	805	Au	307	808	530	208
56. All other.	17	99	16	9	2	1	71	De	83	Fe	62	79	77	2
57. Dairymen's and poultrymen's supplies.	4	6	2	1	.....	3	No	4	5	De	4	4	4	4
58. Dental goods.	82	1,135	78	54	173	92	738	De	709	Ja	604	802	654	142
59. Druggists' preparations.	60	1,669	26	122	177	130	1,214	Mh	1,206	Au	1,100	1,214	525	654
60. Dyeing and finishing textiles, exclusive of that done in textile mills.	113	4,008	93	229	435	219	3,032	De	3,427	My	2,736	8,508	2,222	1,280
61. Dyestuffs and extracts—natural.	16	475	4	43	43	23	362	De	478	Ja	322	478	470	2
62. Electrical machinery, apparatus, and supplies.	176	14,405	78	625	3,067	1,269	9,376	De	10,050	My	8,941	10,149	7,300	2,088
63. Electroplating.	87	700	111	37	17	26	510	De	563	Fe	457	574	558	14
64. Emery and other abrasive wheels.	5	24	2	3	1	1	17	No	18	My	11	34	18	16
65. Enameling.	13	100	15	7	6	3	69	Au	77	Ja	61	70	44	25
66. Engines, steam, gas, and water.	7	2,474	1	112	264	187	1,910	Fe	3,620	Ja	917	3,731	3,731	1
67. Engravers' materials.	4	37	.....	7	1	3	26	De	33	Ja	20	33	33	33
68. Engraving and die-sinking.	165	760	189	23	34	21	493	Ja	541	Ja	439	540	494	58
69. Engraving, steel and copper plate, including plate printing.	94	2,898	88	141	164	133	2,372	De	2,700	Mh	2,180	2,697	1,650	1,028
70. Engravings, wood.	11	54	13	4	4	2	31	De	35	Au	20	35	33	2
	17	1,197	7	53	90	72	975	Oc	996	Ja	951	974	303	574

1 Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).

2 Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—NEW YORK.

1061

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

³ Same number reported throughout the year.

⁴ Same number reported for one or more other months.

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establish-ments	PERSONS ENGAGED IN THE INDUSTRY.						WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Propri-ecors, and firm mem bers.	Sales-ried offi-cers, super- in-tendents, and man-agers.	Clerks, etc.		Wage earners.		Total.	16 and over.		Under 16.	
					Male.	Fe-male.	Ave-ge num-ber.	Number, 15th day of—		Male.	Fe-male.	Male.	Fe-male.
								Maximum month.	Minimum month.				

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

													Dollars.		
1	Fancy articles, not elsewhere specified	312	6,709	316	303	438	294	5,448	Au 1,026 Oc 708	5,900	2,724	3,133	22	21	
2	Beadwork and celluloid novelties	51	1,165	58	50	82	64	911	Au 1,026 Oc 708	640	373	6	3		
3	Metal novelties	41	603	34	36	21	23	489	Au 634 Ja 378	492	385	104	1		
4	Paper novelties	26	353	20	28	26	21	258	Oe 321 Fe 198	305	68	227	3		
5	Wood novelties	5	21	5	2	1	1	13	Au ^a 14 Fe ^a 12	14	14	14	21,625		
6	All other	189	4,657	199	187	308	186	3,777	Oe 4,238 Ja 2,950	4,058	1,608	2,420	12	9	
7	Flags and banners	15	391	9	16	31	38	207	Ja 493 Sc 181	200	49	151	—	1,300,933	
8	Flavoring extracts	60	522	56	68	79	31	288	My 303 Ja 274	311	159	152	—	1,421,124	
9	Food preparations, not elsewhere specified	242	3,072	273	190	402	119	2,088	—	2,241	1,615	620	3	3	
10	Breadstuff preparations, macaroni, vermicelli, and noodles	100	1,120	190	58	83	23	700	So 813 De 650	806	664	140	2	3,716,948	
11	Meat products, not elsewhere specified	12	190	10	10	55	5	104	Au ^a 116 No	83	112	79	—	403,280	
12	Sweetening syrups, other than cane	0	230	10	23	34	18	145	Jy 181 Ja 99	153	153	—	—	2,466,549	
13	All other	61	1,532	57	93	230	73	1,070	No 1,145 Ja 997	1,170	719	447	1	3	
14	Foundry and machine-shop products	628	24,749	450	1,372	1,720	1,225	10,976	—	24,237	23,137	1,031	54	15	
15	Boiler shops	20	901	10	57	34	15	785	Jo 875 No	554	753	752	1	3,311,923	
16	Foundries	29	1,838	14	87	68	29	1,640	De 1,818 Ja 1,376	4,175	4,002	53	20	10	
17	Machine shops	570	20,521	417	1,147	1,517	1,147	10,293	De 17,805 Ja 15,169	17,853	17,008	800	34	5	
18	Machine shop and foundry combined	9	1,489	9	81	107	34	1,258	De 1,456 Ja 908	1,450	1,285	171	—	2,002,072	
19	Fur goods	1,153	12,526	1,854	400	1,187	582	8,503	Oe 9,925 Ja 5,992	9,687	7,344	2,313	21	9	
20	Furnishing goods, men's	233	6,721	285	241	592	327	5,276	—	5,727	1,805	3,803	7	22	
21	Neckwear	198	5,054	231	191	537	200	3,809	No 4,058 My 3,536	4,070	1,474	2,602	—	16,308,842	
22	All other	35	1,667	34	50	55	61	1,407	No 1,681 Ap 1,346	1,651	331	1,201	7	22	
23	Furniture	403	9,157	480	569	562	289	7,251	—	8,491	8,170	295	15	2,281,348	
24	Wood furniture, other than rattan and willow	295	6,088	310	378	366	191	4,837	De 6,651 Fe 4,387	5,703	5,451	236	15	2,138,729	
25	Rattan and willow furniture	22	415	19	23	11	13	349	De 437 No 316	405	449	16	—	397,406	
26	Metal furniture	35	1,104	35	67	125	41	926	No 1,150 Ja 743	1,125	1,113	32	—	3,305,731	
27	Store and office fixtures	111	1,460	116	101	69	67	1,139	Oc 1,267 Fe 976	1,108	1,106	32	—	2,885,482	
28	Furs, dressed	80	2,734	69	157	77	42	2,389	Jo 2,770 Ja 1,717	2,450	2,141	315	3	4,078,887	
29	Gas and electric fixtures	93	3,022	64	230	330	114	2,875	De 2,415 Ja 1,863	3,298	2,034	360	4	7,874,680	
30	Electric fixtures	58	2,607	38	176	288	82	2,083	De 029 Ja 679	2,307	2,208	187	2	8,130,346	
31	All other	35	956	26	54	51	32	792	De 1,071 Ja 1,071	901	720	173	2	1,744,314	
32	Gas machines and gas and water motors	7	1,506	—	60	82	69	1,355	De 1,220 Ja 1,196	1,000	1,000	120	4	5,734,262	
33	Glass	8	588	3	24	14	12	535	De 715 Au 371	637	623	12	2	1,770,725	
34	Glass, cutting, staining, and ornamenting	124	1,450	120	76	87	55	1,112	De 1,218 Ja 1,012	1,217	1,024	101	1	2,209,790	
35	Gloves and mittens, leather	44	592	50	24	42	15	461	De 501 Jo 424	503	254	240	—	1,255,523	
36	Gloves and mittens, cloth, not including gloves made in textile mills	12	984	9	17	36	39	883	De 1,001 My 622	912	90	808	14	2,179,580	
37	Gold and silver, leaf and foil	36	269	43	9	1	8	208	De 220 Jo 191	223	130	93	—	279,092	
38	Grease and tallow, not including lubricating greases	8	483	6	12	20	19	417	Ja 496 So 307	374	360	8	—	2,797,303	
39	Hair work	84	813	94	37	58	69	555	No 588 Ja 500	578	189	384	2	2,551,412	
40	Hand stamps	30	490	31	41	61	43	314	My 324 Ja 303	307	252	51	4	724,951	
41	Hardware	65	2,148	37	132	80	75	1,818	De 157 Ja 121	2,073	1,802	270	1	10,101,368	
42	Locks	8	197	5	17	7	11	157	De 100 Ja 121	163	141	22	—	388,334	
43	Builders' hardware	16	1,622	12	35	28	22	555	De 685 Ja 451	680	627	59	—	2,069,323	
44	All other	41	1,299	20	80	51	42	1,100	De 1,225 Ja 962	1,224	1,034	189	1	3,643,709	
45	Hat and cap materials	86	2,057	91	107	70	58	1,731	De 2,119 Ap 1,030	2,087	1,352	716	5	11,398,556	
46	Hats and caps, other than felt, straw, and wool	323	4,243	440	198	170	103	3,332	De 3,789 Au 2,400	3,807	3,150	706	1	8,071,659	
47	Hats, fur-felt	36	2,225	35	80	161	130	1,819	De 2,208 My 1,551	2,265	1,356	871	22	6,643,654	
48	Hats, straw	72	2,479	58	161	140	80	2,040	Mh 2,300 Au 1,060	2,311	1,179	1,234	9	9,447,643	
49	House-furnishing goods, not elsewhere specified	169	2,532	196	130	214	120	1,872	—	2,077	528	1,541	1	7,894,480	
50	Comforts, quilts, feather pillows, and beds	41	377	42	22	24	9	280	De 350 Ja 223	356	124	220	3	1,407,157	
51	Cotton batting and mops and dustors	4	58	5	4	—	—	49	Jy 67 Fe 28	57	9	48	—	56,400	
52	All other	124	2,097	149	104	100	111	1,543	De 1,064 Ja 1,389	1,064	395	1,204	1	4,640,827	
53	Ice, manufactured	57	1,561	11	104	62	43	1,371	Au 1,021 Ja 1,079	1,380	1,360	1	29	15,890,757	
54	Ink, printing	35	1,111	23	108	216	84	680	De 743 Fe 639	742	719	20	3	7,365,808	
55	Ink, writing	10	363	8	14	75	31	225	Ja 245 Se 212	221	118	100	1	1,326,669	
56	Instruments, professional and scientific	105	4,244	94	199	503	341	3,107	—	3,121	2,503	689	24	10,996,262	
57	Medical and surgical	48	1,083	44	71	79	74	815	Fe 897 Au 630	835	721	97	13	4,212,883	
58	All other	57	3,161	50	128	424	267	2,202	Ja 3,028 De 1,900	2,286	1,782	402	11	8,683,379	
59	Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills	4	53	3	6	4	40	40	Mh 56 No ^a 30	50	50	50	—	197,789	
60	Iron and steel, doors and shutters	27	753	12	69	53	27	597	Ja 752 Ap 482	670	660	1	—	1,613,111	
61	Iron and steel, tempering and welding	20	236	10	24	22	11	109	No 188 Fe 165	174	172	—	2	774,691	
62	Ivory, shell, and bone work, not including combs and hairpins	13	223	17	8	8	6	184	Se 209 My 151	107	148	49	—	238,714	
63	Japanning	5	50	3	8	1	2	36	No 53 My ^a 27	52	47	5	—	41,027	
64	Jewelry	665	7,551	878	403	603	650	5,017	Au 5,811 Oc 3,594	5,719	4,851	3,811	34	35,685,377	
65	Jewelry and instrument cases	72	1,079	74	56	45	37	867	Ja 913 Se 708	940	496	388	8	1,606,950	
66	Knit goods	462	10,737	510	423	481	517	8,800	No 10,639 Mh 6,378	10,321	3,460	6,829	10	22	68,222,655
67	Labels and tags	39	1,515	31	78	98	102	1,200	De 1,268 Fe 1,164	1,268	910	353	3	2,728,037	

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—NEW YORK.

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COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.									POWER.						
Salaries and wages.			Rent and taxes.		For materials.		Value of products.	Value added by manufacture.	Primary horsepower.				Electric horse-power generated in establishments reporting.		
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.		Total.	Steam engines (not turbines).	Steam turbines.	Internal combustion engines.	Water-power. ¹		

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
1,119,272	1,364,133	5,328,053	727,573	513,572	177,114	15,081,982	81,513	28,559,566	18,396,071	1,375	495	14	866	120	1
211,612	283,075	1,102,264	188,136	58,500	25,710	2,557,322	5,138,116	2,553,541	1,90	453	190	263	-----	-----	2
113,095	82,786	477,474	48,127	42,142	9,143	805,050	11,276	1,880,052	1,063,726	203	123	10	158	-----	3
90,308	65,509	200,252	81,866	37,083	3,987	478,610	3,073	1,194,522	712,239	89	4	88	-----	4	4
5,000	500	19,580	-----	3,640	10	21,366	483	73,396	51,547	35	-----	35	-----	-----	5
69,262	931,663	3,408,483	409,444	372,207	138,264	11,219,634	38,328	20,273,480	9,015,018	505	180	-----	325	120	6
77,485	134,813	206,697	102,169	41,450	14,013	1,378,417	4,652	2,004,025	620,956	92	-----	92	-----	7	7
133,546	131,050	247,297	1,665	79,103	28,841	2,789,162	33,873	4,130,855	1,307,820	1,295	-----	1,295	-----	8	8
922,130	755,695	2,406,329	3,437	300,547	248,533	18,550,705	340,202	28,918,213	10,021,306	5,908	1,211	18	1,513	3,164	9
178,460	121,491	808,051	1,062	185,696	29,647	4,549,968	128,676	7,018,348	2,339,704	3,195	443	18	1,468	1,266	10
57,647	56,658	114,314	-----	19,637	21,166	2,038,083	15,488	2,591,612	538,041	153	-----	153	-----	11	11
163,283	103,192	220,688	-----	35,621	14,876	3,444,778	27,121	5,314,375	1,812,476	407	90	-----	317	12	12
522,740	474,351	1,317,276	1,475	149,593	182,844	8,517,876	174,917	18,993,878	5,301,085	2,151	678	45	1,423	338	13
5,413,826	3,892,624	25,697,739	221,375	1,017,407	2,023,797	26,149,998	1,133,922	84,026,843	57,339,923	24,602	7,709	208	1,191	15,434	14
271,404	88,438	1,098,364	7,186	47,800	406,391	1,408,526	120,835	4,040,675	2,511,314	2,874	1,440	100	160	1,174	15
387,574	131,866	2,412,370	16,813	82,731	121,447	1,887,474	188,005	6,135,358	4,058,979	1,630	295	78	1,257	260	16
4,444,918	8,061,919	20,726,057	105,855	874,694	1,445,365	20,991,069	716,275	60,445,404	47,738,000	18,113	5,887	168	953	11,105	17
309,870	110,401	1,400,942	1,517	12,182	50,591	1,802,925	109,907	5,004,406	3,031,570	1,985	87	-----	1,898	-----	18
2,114,284	3,223,128	17,814,144	1,249,637	1,606,803	1,800,814	82,630,762	143,425	132,145,251	49,371,064	3,264	950	-----	2,314	95	19
1,210,071	2,280,130	6,348,584	1,237,136	475,762	205,583	31,430,708	67,113	50,292,860	18,795,039	790	180	15	595	95	20
1,034,146	2,094,382	4,179,783	702,275	369,561	197,717	27,485,568	47,282	40,447,183	14,521,333	413	-----	413	-----	21	21
1,181,025	194,748	1,188,801	534,861	106,201	7,866	5,552,140	19,831	9,845,677	4,273,706	377	180	15	182	95	22
1,943,283	1,272,547	10,201,295	280,470	961,712	231,700	19,191,670	261,850	40,986,286	21,532,766	7,667	2,203	393	5,071	924	23
1,359,864	765,797	6,811,311	164,777	720,245	140,319	12,618,432	163,486	27,128,662	14,346,744	4,501	1,153	95	3,253	-----	24
64,144	28,155	376,120	-----	46,991	11,508	547,955	4,578	1,384,267	831,731	290	-----	8	282	-----	25
238,475	330,356	1,330,297	8	48,370	27,970	3,008,748	57,692	5,975,506	2,911,165	400	153	400	658	670	27
280,800	130,239	1,743,567	115,685	137,100	51,903	3,018,635	36,194	6,497,852	3,443,123	1,636	650	107	878	254	27
715,223	228,312	811,109	75,848	149,485	137,577	3,704,790	122,501	11,586,809	7,759,428	2,574	500	2,074	-----	28	28
865,784	602,061	8,303,900	25,677	294,000	68,405	4,648,558	113,054	11,492,360	6,730,360	2,593	581	245	1,767	251	29
605,436	561,042	2,355,202	19,250	210,201	60,214	3,102,740	70,380	8,392,833	5,210,733	1,773	481	125	1,167	237	30
191,318	101,919	948,788	6,427	77,799	8,191	1,545,818	33,694	3,090,527	1,520,015	820	100	120	600	14	31
295,717	207,903	1,277,538	987	5,684	97,041	1,880,798	48,749	6,074,336	3,144,789	1,310	100	565	645	803	33
110,448	29,056	532,854	-----	3,600	17,704	288,520	180,902	1,496,143	1,026,631	482	305	125	52	112	34
228,247	182,117	1,332,021	0,831	132,309	103,230	2,342,802	40,103	5,263,701	2,870,706	435	30	43	362	-----	34
72,895	73,878	445,082	147,037	44,227	2,410	1,162,464	4,042	2,485,013	1,318,507	53	-----	1	57	35	35
72,062	90,020	480,858	3,878	50,684	177,602	1,107,611	6,772	3,144,141	2,029,758	160	-----	160	-----	36	36
36,905	9,108	244,501	20,607	10,374	1,300	282,480	5,010	771,037	482,638	109	1	108	-----	37	37
62,512	91,857	545,080	13,600	28,796	3,788,281	159,757	4,971,569	1,023,531	1,388	1,146	125	67	819	38	38
193,642	170,199	665,206	104,150	105,615	14,584	2,767,581	6,428	4,945,034	2,171,925	23	-----	23	-----	39	39
166,333	86,306	356,524	8,886	43,202	13,184	542,338	10,802	1,537,466	984,326	156	80	76	65	40	40
482,849	222,773	1,093,756	6,306	150,697	130,589	2,882,205	160,344	7,522,877	4,480,328	2,880	853	131	1,876	158	41
45,285	31,919	148,710	120	12,935	1,983	116,268	5,329	409,430	287,899	102	-----	102	-----	42	42
190,043	77,215	476,030	2,331	56,714	38,090	002,118	75,774	2,156,702	1,178,810	1,295	338	48	914	-----	43
247,571	113,039	1,099,116	3,855	87,048	99,516	1,863,819	70,241	4,956,730	3,018,679	1,403	515	88	860	158	44
499,121	201,056	1,944,837	51,673	109,241	524,102	10,036,480	52,386	10,730,514	6,041,689	2,162	1,887	62	213	652	45
553,531	407,994	4,093,308	105,380	337,952	10,036	11,431,690	58,849	21,180,810	9,600,271	734	80	654	10	46	46
377,111	370,532	2,302,566	250	87,003	42,379	6,783,296	67,997	11,700,387	4,909,094	1,150	750	409	493	47	47
497,376	425,691	2,467,216	15,307	246,447	39,681	6,718,102	38,352	11,882,643	5,126,189	425	100	325	325	-----	48
442,434	520,453	1,643,726	60,050	286,618	132,299	11,405,112	45,556	17,448,002	5,997,334	826	135	30	681	-----	49
79,452	71,130	257,389	3,538	63,745	17,330	2,206,272	12,132	3,150,191	940,787	215	100	115	-----	50	50
6,304	37,671	-----	12,906	20	22,041	68	96,782	74,673	23	-----	23	-----	51	51	
356,618	449,323	1,348,606	65,512	200,004	114,940	9,170,799	33,356	14,192,029	4,981,874	588	35	10	543	-----	52
407,039	98,483	2,080,333	39,908	414,879	238,821	9,075,063	1,984,426	9,645,529	6,686,040	37,996	17,804	404	1,845	17,943	53
858,112	607,206	894,000	117,743	54,128	219,624	5,567,022	109,831	10,976,067	5,299,214	3,884	2,100	80	1,614	892	54
82,092	155,448	211,430	-----	21,360	51,658	766,724	8,920	1,614,186	838,542	100	-----	25	75	55	55
949,817	978,447	3,886,465	38,731	192,327	307,739	4,076,594	108,128	13,836,817	9,652,095	1					

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.			
		Total.	Propri- tors and firm mem- bers.	Sala- ried offi- cers, super- in- tendents, and man- agers.	Clerks, etc.		Wage earners.		Total.	16 and over.		Under 16.
					Male.	Female.	Aver- age num- ber.	Number, 15th day of-		Male.	Female.	Capital.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

1	NEW YORK CITY—Con.											Dollars.						
2	Lamps and reflectors.	46	1,167	33	63	56	43	972	Au	34	Je ^a	26	1,062	662	100	3,307,246		
3	Automobile lamps.	5	42	4	4	2	2	30	De	825	Se	657	29	29	29	42,732		
4	All other lamps.	34	861	20	46	36	31	722	Ja	264	Au	188	824	725	99	2,446,064		
5	Reflectors.	7	264	3	13	18	10	220	De	807	Ja	719	200	208	1	818,450		
6	Lapidary work.	71	1,037	96	54	38	26	823	De	234	Jn	199	809	775	82	12	18,060,200	
7	Lasts.	4	257	1	19	10	6	221	At	234	Jn	199	228	228	228	452,973		
8	Leather goods, not elsewhere specified.	226	5,143	255	234	334	193	4,127	No	4,734	Fe	3,595	4,603	3,332	1,330	14	8	19,929,074
9	Leather, tanned, curried, and finished.	18	427	8	32	43	15	329	No	434	Mh	247	430	376	54	3,153,359		
10	Liquors, malt.	35	5,094	1	207	582	59	4,245	Jy	4,601	Mh	3,919	4,065	4,037	28	80,531,114		
11	Lithographing.	116	6,486	61	402	525	300	5,198	De	5,607	Fe	4,858	5,508	4,618	941	5	4	18,943,244
12	Looking-glass and picture frames.	85	1,122	82	60	69	45	866	De	980	At	743	1,016	916	98	2	1	1,801,277
13	Lumber, planing-mill products, not including planing mills connected with sawmills.	173	3,510	126	223	190	78	2,923	De	3,379	Jn	2,435	3,373	3,350	22	1	9,630,848	
14	Machine tools.	10	657	9	27	58	8	555	De	629	Oc	497	929	626	2	1	2,517,054	
15	Marble and stone work.	222	2,392	220	103	77	34	1,808	Ja	769	Jn	593	2,124	2,122	1	1	11,310,479	
16	Monuments and tombstones.	115	920	128	49	25	9	703	Jy	703	Jn	593	731	730	1	6,610,518		
17	Other marble and stone work and slate.	107	1,472	92	144	52	25	1,159	No	1,434	Fe	740	1,893	1,392	1	4,099,961		
18	Mattresses and spring beds, not elsewhere specified.	165	1,720	196	98	133	59	1,243	No	1,420	Ja	1,158	1,392	1,206	180	5,183,072		
19	Millinery and lace goods, not elsewhere specified.	1,780	34,045	2,155	1,522	1,971	1,414	20,983	-----	-----	-----	-----	20,080	8,100	20,689	87	204	52,807,410
20	Embroideries.	635	9,261	832	300	343	301	7,470	De	8,122	Ja	6,959	8,243	1,923	6,242	18	60	12,145,090
21	Trimmed hats and hat frames.	549	14,632	605	739	932	674	11,082	At	13,309	Oc	8,078	12,042	4,316	8,214	51	61	22,544,008
22	Women's neckwear.	111	3,360	111	168	283	194	2,604	Mh	2,775	Jn	2,408	2,542	300	2,191	4	47	5,675,630
23	All other.	494	6,792	607	306	413	245	5,221	De	5,496	Jn	5,011	5,653	1,561	4,042	14	36	12,532,632
24	Mineral and soda waters.	163	1,230	161	108	92	33	845	-----	-----	-----	-----	815	779	36	-----	4,071,925	
25	Mineral and carbonated waters.	159	1,154	160	97	83	20	785	Jy	956	Jn	657	752	748	4	-----	3,728,112	
26	All other.	4	85	1	11	9	4	60	At	73	Do ^a	42	63	31	32	-----	343,813	
27	Mirrors, framed and unframed, not elsewhere specified.	50	935	48	53	70	40	724	De	848	Ja	613	840	809	36	1	2,755,658	
28	Models and patterns, not including paper patterns.	102	1,260	121	67	69	47	962	Mh	1,035	Se	887	966	900	68	3	2,104,155	
29	Mucilage, paste, and other adhesives, not elsewhere specified.	10	372	15	30	60	48	219	De	230	Jn	209	218	101	27	-----	3,136,324	
30	Musical instruments and materials, not specified.	59	401	65	26	37	15	348	No	469	Fe	287	463	336	110	1	678,055	
31	Musical instruments, organs.	6	101	9	9	1	7	75	Do ^a	86	Fe	69	86	75	10	1	189,533	
32	Musical instruments, pianos.	68	6,146	9	275	290	181	5,391	Se	6,490	Oc	2,249	5,372	5,100	201	4	1	28,077,954
33	Musical instruments, piano and organ materials.	28	2,817	4	90	52	50	2,621	Jy	3,035	No	1,091	2,404	1,828	616	13	7	7,816,816
34	Needles, pins, and hooks and eyes.	12	197	6	21	3	8	150	Do	106	Fe ^a	115	203	120	72	2	-----	300,289
35	Oil, not elsewhere specified.	10	119	6	16	31	22	44	-----	-----	-----	-----	42	42	42	-----	715,003	
36	Vegetable, animal, and mineral oils.	5	28	1	5	4	4	14	Ja	17	My	12	14	14	14	-----	150,206	
37	Composite oils.	11	91	5	11	27	18	30	Oc ^a	33	Ja ^a	28	28	28	28	-----	555,737	
38	Optical goods.	55	874	49	42	93	64	626	Ja	605	Oe	528	630	583	33	19	1	1,641,064
39	Paints.	73	3,674	20	238	550	212	2,645	Do ^a	2,784	Ja	2,404	2,784	2,416	301	1	6	23,526,697
40	Paper goods, not elsewhere specified.	39	3,480	37	181	262	185	2,824	De	3,031	My	2,690	3,034	1,504	1,516	14	14	11,173,073
41	Paper patterns.	15	481	8	28	10	48	387	Ap	408	Ja	363	373	129	242	2	2	1,060,725
42	Patent medicines and compounds.	237	5,208	110	453	807	458	3,470	De	3,676	Ja	1,563	2,073	10	30	27,083,403		
43	Patent and proprietary medicines.	143	4,202	63	343	538	352	2,006	Fe	3,221	Jy	2,000	2,918	1,202	1,078	8	30	22,315,259
44	Patent and proprietary compounds, not elsewhere specified.	94	1,096	47	110	269	106	564	Ja	830	Se ^a	441	768	361	305	2	-----	4,748,144
45	Paving materials.	5	180	-----	16	7	3	154	No	287	Fe	56	272	272	272	-----	1,104,982	
46	Pens, fountain and stylographic.	27	1,842	19	71	157	57	1,533	Ap	1,657	Oc	1,284	1,004	1,030	609	16	9	4,128,019
47	Pens, gold.	10	357	7	11	4	3	332	Au	374	Oc	280	361	328	321	-----	321,031	
48	Perfumery and cosmetics.	135	3,497	82	239	437	536	2,203	No	2,590	Jn	1,895	2,403	796	1,030	18	19	12,141,331
49	Photographs and graphophones.	25	2,009	10	146	198	138	1,517	De	1,882	Ja	1,120	1,861	1,507	354	-----	7,509,096	
50	Photographic apparatus.	14	740	5	33	52	34	616	De	774	Ja	774	743	31	31	2	2	2,012,525
51	Cameras and motion-picture machines.	7	603	3	18	45	21	516	De	664	Au	327	603	653	10	10	1	1,650,133
52	All other.	7	137	2	15	7	13	100	De	112	Ja	92	111	90	21	-----	362,392	
53	Photographic materials.	32	3,630	6	113	772	948	1,791	De	1,500	Ja	1,365	1,885	1,485	400	-----	27,526,244	
54	Motion-picture projection films.	12	3,185	2	70	723	907	1,483	De	1,500	Ja	1,365	1,500	1,271	250	-----	26,911,739	
55	All other.	20	445	4	43	49	41	308	No	333	Ja	284	325	214	111	-----	914,526	
56	Photo-engraving.	75	2,868	28	190	332	93	2,225	De	2,483	Fe	2,033	2,483	2,356	126	1	1	3,245,064
57	Pickles, preserves, and sauces.	58	2,102	38	109	206	96	1,653	De	1,006	No	1,184	1,849	1,767	1,075	5	12	5,169,317
58	Preserves.	14	1,180	1	49	79	54	1,006	No	1,184	Fe	855	1,200	420	763	5	12	2,685,624
59	Pickles and sauces.	44	913	37	60	127	42	647	Jy	689	Ja	604	649	337	312	-----	2,483,063	
60	Pipes, tobacco.	27	2,014	26	63	96	80	1,749	De	1,088	Se	1,401	1,008	1,587	377	2	2	6,039,544
61	Plated ware.	16	768	15	34	86	27	606	No	650	My	511	626	537	78	9	2	3,832,075
62	Plumbers' supplies, not elsewhere specified.	21	439	16	33	27	18	345	De	396	Ap	305	396	383	13	-----	1,008,334	
63	Pocketbooks.	87	1,921	123	49	95	61	1,583	No	1,700	Ja	1,467	1,688	1,101	587	-----	2,985,084	
64	Pottery, china, earthen, and stone ware.	3	294	-----	9	8	11	266	Ja	290	Do	238	256	182	68	3	3	282,230
	Poultry, killing and dressing, not done in slaughtering and meat-packing establishments.	6	19	6	2	-----	1	10	(*)	10	(*)	10	1					

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

³ Same number reported for one or more other months.

⁴ Same number reported throughout the year.

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY.										WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					
		Total.	Propri- tors and firm mem- bers.	Sal- ried offi- cers, super- in- tend- ents, and man- agers.	Clerks, etc.		Wage earners.				Total.	16 and over.		Under 16.		Capital.	
					Male.	Female.	Ave- rage num- ber.	Number, 15th day of—		Male.		Male.	Female.	Male.	Female.		
								Maximum month.	Minimum month.								

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

1	NEW YORK CITY—Con.	1,866	30,814	1,586	2,027	3,132	2,972	21,007	23,113	19,295	3,037	147	34	Dollars.	73,401,088
2	Printing and publishing, book and job.	1,530	24,444	1,428	1,501	1,224	949	10,342	Do 21,307 Oc 14,458	21,332	18,100	3,074	120	20	46,272,520	
3	Book publishing and printing.	21	1,232	12	34	81	105	1,000	Je ^a 1,050 No 871	935	537	385	2	11	3,043,331	
4	Book publishing without printing.	215	4,497	100	436	1,813	1,879	260	No 290	211	305	166	146	1	23,787,460	
5	Linotype work and typesetting.	50	641	46	56	14	39	486	Do 879 Oc 322	541	493	32	15	1	1,297,777	
6	Printing and publishing, newspapers and periodicals.	841	38,074	240	2,487	11,270	8,206	15,871	.....	16,704	13,789	2,871	8	36	110,550,066
7	Printing and publishing.	67	16,970	15	620	5,150	2,230	8,955	Do 9,603 Oc 7,884	9,650	8,486	1,128	6	36	50,738,894	
8	Printing, publishing, and Job printing.	113	8,847	51	386	1,195	830	6,382	So 6,729 Oc 5,483	6,527	4,905	1,501	1	.....	20,259,294
9	Publishing without printing.	661	12,257	171	1,481	4,925	5,146	534	Mh 577 Oc 515	521	338	182	1	.....	33,551,378
10	Printing materials.	13	196	6	21	24	15	130	No 147 Fe 115	146	142	3	1	.....	551,830
11	Pumps, not including power pumps.	11	195	9	16	15	6	149	Oc 168 De 130	154	154	2	.....	199,523	
12	Pumps, steam and other power.	5	218	2	16	25	7	168	Se ^b 175 Ja 159	169	167	2	.....	889,687	
13	Refrigerators.	16	469	11	22	33	9	394	Jy 417 Au 201	417	416	1	.....	1,240,536	
14	Regalia, and society badges and emblems.	25	221	28	15	16	15	147	No 157 Jy 140	152	74	70	2	.....	421,301
15	Roofing materials.	11	177	10	8	11	5	143	De 160 Oc 130	161	159	2	.....	1,243,016	
16	Rubber tires, tubes, and rubber goods, not elsewhere specified.	28	3,587	8	90	107	120	3,113	De 3,553 Ja 2,740	3,558	2,179	1,341	17	21	18,578,715	
17	Rules, ivory and wood.	4	89	1	6	7	4	71	No ^c 91 My ^d 55	89	75	2	12	.....	134,403
18	Saddlery and harness.	47	163	41	8	6	2	106	Oc 112 Fe ^e 103	109	102	7	.....	355,497	
19	Sausage, not made in slaughtering and meat-packing establishments.	91	518	100	36	36	21	325	.....	362	348	13	1	.....	1,907,957
20	Sausage.	81	401	84	32	32	17	296	De 335 Mh ^f 281	381	319	12	.....	1,007,909	
21	Sausage casings.	10	57	16	4	4	4	29	Do ^g 32 My ^h 25	31	29	1	1	.....	299,988
22	Saws.	8	90	8	4	9	6	65	Fe 73 Oc ⁱ 61	63	63	.....	478,186		
23	Scales and balances.	8	479	5	15	45	24	390	Jy 416 Ja 364	380	367	13	.....	837,990	
24	Sewing machines and attachments.	10	183	7	9	15	5	147	De 165 Ja 130	164	160	4	.....	392,810	
25	Shipbuilding, steel.	20	21,836	2	286	741	176	20,031	Ja 20,370 Oc 12,898	17,473	17,442	10	12	.....	52,680,643
26	Shipbuilding, wooden, including boat building.	48	6,111	36	330	141	43	5,501	.....	5,576	5,559	17	.....	20,974,315	
27	Yards where work on new vessels was done.	12	3,993	6	244	69	20	3,654	Ja 4,112 Oc 3,214	3,452	3,436	10	.....	14,343,671	
28	Yards engaged entirely on repair work.	20	1,833	18	66	62	20	1,687	Ap 2,084 No 1,150	1,820	1,820	.....	.....	0,095,580	
29	Boats under 5 tons.	13	207	11	18	7	2	220	Fe 302 Au 146	282	281	1	.....	487,916	
30	Masts, spars, oars, and the rigging of vessels.	3	18	1	2	3	1	11	Oe 16 Ap ^j 6	13	13	.....	47,139		
31	Shirts.	243	8,197	321	321	692	389	6,474	De 7,718 Au 5,506	8,081	2,695	5,302	10	65	80,746,466	
32	Signs and advertising novelties.	136	1,431	111	110	185	70	985	.....	1,174	954	219	1	.....	2,167,093
33	Electric and other signs.	109	837	97	61	34	31	614	Do 727 Fe 508	736	653	82	1	.....	1,033,636
34	Advertising novelties.	27	504	14	49	121	39	371	Do 430 Fe 314	438	301	137	.....	1,133,757	
35	Silk goods.	126	7,773	121	246	381	207	6,818	.....	7,507	2,744	4,709	27	87	49,761,603
36	Finished products.	104	6,664	95	212	336	175	5,846	De 6,446 Mh 5,550	6,467	2,606	3,757	27	87	21,744,900	
37	Throwsters and winders.	22	1,109	26	34	45	32	572	De 1,196 Fo 840	1,100	148	952	.....	22,016,603	
38	Slaughtering and meat packing.	74	5,079	68	179	1,053	222	4,457	Au 4,654 No 3,479	4,407	4,464	33	.....	46,348,453	
39	Soap.	30	2,891	13	190	482	255	1,051	Se 2,305 Do ^k 1,972	1,974	1,634	330	1	.....	23,692,205
40	Sporting and athletic goods.	23	607	16	29	27	18	577	De 647 Jo 396	685	444	230	2	.....	2,393,664
41	Springs, steel, car and carriage, not made in steel works or rolling mills.	15	604	11	39	30	19	505	No 508 My 453	503	542	21	.....	1,181,438	
42	Stamped and enameled ware, not elsewhere specified.	56	5,154	25	175	229	134	4,591	De 5,029 Je 4,087	5,082	3,823	1,211	27	21	16,236,271	
43	Stationery goods, not elsewhere specified.	61	2,008	37	104	162	106	1,509	De 1,607 Ja 1,547	1,605	758	922	.....	15	3,008,406
44	Statuary and art goods.	53	392	59	30	14	6	283	Oc 328 Ja 245	315	303	12	.....	945,070	
45	Steam fittings and steam and hot-water heating apparatus.	17	834	5	45	84	40	600	.....	609	571	87	1	.....	3,042,703
46	Radiators and cast-iron heating boilers.	5	134	.....	16	9	5	104	Ja 198 Au 81	107	107	.....	.....	384,090	
47	All other.	12	700	5	29	75	35	556	Ja 600 Au 473	502	404	37	1	.....	3,258,018
48	Steam packing.	23	232	14	27	18	17	156	My 173 Se 142	170	157	13	.....	791,449	
49	Stereotyping and electrotyping.	30	1,143	15	73	119	35	901	Se 959 Ja 830	928	908	18	2	.....	2,837,440
50	Stoves and hot-air furnaces.	6	209	4	11	30	8	156	De 173 Jy 143	173	172	1	.....	304,224	
51	Stoves, gas and oil.	15	396	7	37	40	40	272	Do 338 Mh 225	342	298	44	.....	1,157,475	
52	Structural ironwork, not made in steel works or rolling mills.	249	3,476	188	274	258	81	2,675	De 2,987 Ja 2,421	3,008	2,006	12	.....	8,834,442	
53	Surgical appliances.	64	2,383	51	148	308	248	1,538	No 1,558 Ap 1,503	1,557	984	583	5	5	7,276,519	
54	Suspenders, garters, and elastic woven goods.	76	1,524	87	57	113	59	1,208	De 1,309 Ap 1,105	1,310	547	755	5	3	3,753,038	
55	Textile machinery and parts.	9	260	9	19	22	17	193	De 199 Fe 187	199	196	3	.....	860,118	
56	Tinware, not elsewhere specified.	60	4,932	47	132	220	121	4,403	De 4,860 Oc 4,097	4,769	3,695	1,067	3	1	18,325,860	
57	Tobacco, chewing and smoking, and snuff.	38	88	35	4	1	3	43	.....	47	37	10	.....	334,191	
58	Smoking.	29	64	28	3	1	1	32	Se ^l 34 My 29	36	31	5	.....	261,106	
59	All other.	9	22	7	1	1	2	11	(4) 11	11	6	5	5	5	72,995	
60	Tobacco, cigars and cigarettes.	1,419	19,736	1,443	829	1,068	551	15,855	Ja 19,727 Jy 9,354	17,404	9,449	7,988	7	20	88,026,146	
61	Tools, not elsewhere specified.	91	917	93	84	26	31	683	.....	708	670	38	.....	1,089,326	
62	Shovels, spades, scoops, hoes, and carpenters' tools, not elsewhere specified.	3	9	4	3	1	3	43	.....	2	2	2	2	2	5,194
63	Machinists' tools.	37	508	36	51	16	17	388	No 401 De 351	306	300	0	.....	881,847	
64	All other.	51	400	53	30	10	14	293	De 316 Au 267	310	278	32	.....	802,285	

^a Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).^b Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—NEW YORK.

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COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.						POWER.						Primary horsepower.			Electric horse-power generated in establishments reporting.
Salaries and wages.			Rent and taxes.			For materials.			Value of products.	Value added by manufacturer.	Primary horsepower.				Electric horse-power generated in establishments reporting.
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Total.	Owned.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹	Rentfed. ²	

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Dollars, 8,030,500	Dollars, 7,726,857	Dollars, 20,222,385	Dollars, 14,251,360	Dollars, 3,201,108	Dollars, 1,320,830	Dollars, 37,473,676	Dollars, 926,660	Dollars, 129,327,275	Dollars, 90,926,939	21,262	305	306	20,651	20	1
5,870,947	3,280,612	27,188,033	2,315,246	2,633,193	553,456	31,462,733	852,087	89,910,207	57,594,787	19,835	306	19,529	5	2	
162,863	286,742	1,012,033	258,870	68,073	40,442	1,660,111	46,598	3,664,010	1,957,301	1,092	230	862	15	3	
1,793,110	4,128,389	289,918	11,675,770	447,548	718,088	4,161,935	4,367	34,005,726	29,838,824	115	75	40	.....	4
192,580	50,119	731,501	1,465	52,294	8,844	188,897	22,408	1,747,332	1,536,027	220	.....	220	.....	5
11,484,744	29,513,024	23,306,016	23,220,688	2,475,993	3,612,581	68,760,076	823,807	216,681,989	147,075,100	20,815	4,020	100	29	3	
3,200,630	12,832,760	12,871,755	1,077,780	978,020	2,115,226	37,403,384	500,581	90,932,349	53,022,384	13,311	3,160	.....	10,147	1,204
2,016,037	3,079,857	9,517,428	514,801	475,908	583,831	13,191,617	309,836	37,915,064	24,413,612	7,193	860	100	25	3	
6,268,077	13,600,998	1,006,833	21,628,101	1,022,065	913,524	18,165,075	10,391	87,814,576	69,639,110	311	.....	311	.....	9
57,500	65,957	160,242	816	26,657	10,133	411,252	12,063	1,084,456	641,141	194	120	38	36	10	
50,065	26,506	111,547	2,000	18,310	10,858	218,132	5,506	532,912	309,274	144	34	110	11	11	
56,004	33,663	232,424	847	16,703	20,803	485,230	9,164	970,229	475,826	191	175	16	12	12	
80,038	71,657	430,042	.....	34,502	32,849	696,864	12,951	1,604,570	894,755	646	264	356	218	13
43,555	47,140	165,278	71,470	25,314	2,327	497,744	3,926	988,166	486,496	35	.....	35	.....	14
28,315	18,100	190,034	4,375	6,157	59,770	828,923	45,483	1,314,660	440,283	441	310	.....	131	15
533,893	549,549	8,358,239	806,514	110,954	763,240	7,459,043	271,737	16,387,815	8,657,035	6,819	2,455	1,817	2,547	4,601	
13,440	8,247	78,936	.....	5,117	647	63,150	4,008	191,514	124,356	126	.....	56	70	17
16,700	11,088	131,870	.....	19,876	1,710	390,860	2,791	732,659	330,008	48	.....	48	48	18
156,189	69,542	488,018	490	66,177	15,712	5,049,001	54,160	6,592,933	1,489,772	982	.....	955	5	19
122,889	58,707	493,277	490	59,856	13,320	4,747,658	52,806	6,127,413	1,326,049	963	.....	47	916	5
33,800	10,835	24,741	.....	6,321	2,392	301,343	1,354	465,520	162,823	19	.....	19	21	21
30,000	17,131	54,904	2,107	2,003	4,307	108,382	8,085	349,843	233,366	395	300	95	22	23	
106,654	95,318	423,068	156	29,643	19,664	675,294	13,681	1,731,380	1,042,405	104	.....	104	167	24
1,512,574	1,631,442	34,071,716	253,113	91,400	5,225,450	21,831,080	822,450	81,872,239	59,718,700	33,607	5,315	150	27,592	822	
946,051	283,931	8,272,134	156,078	165,181	720,152	6,750,974	332,714	21,664,042	14,580,354	8,737	4,955	396	3,436	26	
609,125	134,074	5,152,437	5,000	91,946	467,414	4,207,775	256,792	12,446,728	7,982,161	6,758	4,430	225	2,103	27	
280,945	133,792	2,708,067	146,673	55,312	239,065	1,975,546	68,755	8,037,927	5,993,626	1,525	310	126	1,089	28	
44,701	13,493	304,457	5,000	14,738	13,073	542,981	7,075	1,076,805	526,749	443	215	38	190	29	
5,280	2,572	10,273	.....	3,185	24,672	92	102,582	77,818	61	.....	7	64	30	30
1,441,987	1,837,123	6,561,340	8,082,872	506,117	737,257	53,005,642	101,360	83,811,354	30,704,352	1,817	390	54	1,373	106	
300,047	231,887	1,110,218	49,477	143,173	14,300	1,910,167	23,209	4,733,419	2,800,043	506	.....	588	32	32
183,327	77,473	763,091	494,468	82,951	9,782	893,204	14,208	2,702,861	1,795,449	338	.....	336	33	33
182,720	154,414	346,227	25,009	60,222	4,527	1,016,963	9,001	2,030,558	1,004,594	260	.....	252	34	34
1,281,785	1,007,020	6,414,153	3,244,784	481,687	1,282,514	31,805,271	227,456	54,526,901	22,494,174	5,361	1,748	50	135	35	
1,110,701	905,483	5,562,069	2,238,473	394,225	1,121,824	18,886,292	161,577	37,112,548	18,064,679	4,111	1,748	50	2,203	36	
165,084	101,537	5,382,084	1,006,311	87,402	160,690	12,918,979	65,879	17,414,353	4,429,495	1,250	25	1,225	37	37	
859,834	1,900,057	6,420,287	49,191	409,010	429,957	166,718,585	927,099	183,244,398	17,589,214	12,023	8,166	733	3,124	38	
678,196	880,214	2,383,372	1,028	42,298	245,623	27,608,320	621,129	30,276,984	8,047,535	4,630	2,705	1,400	2,725	39	
91,059	38,933	651,856	7,086	30,223	38,756	1,429,850	18,803	2,649,307	1,200,654	205	50	215	40	40	
225,019	72,806	561,702	13,726	77,734	47,361	704,973	50,074	2,180,771	1,359,719	684	125	119	440	41	
887,888	553,006	4,674,886	69,110	208,101	826,369	8,555,325	363,132	10,554,719	10,636,262	4,331	2,140	121	2,070	1,300	
442,692	497,335	1,362,847	7,471	196,620	60,120	4,753,314	37,736	8,632,875	3,836,825	786	190	.....	596	121
70,854	31,195	350,489	16,092	42,745	6,129	262,896	14,190	996,459	719,373	209	.....	202	44	44
273,076	220,575	746,346	7,364	19,742	94,103	1,206,132	33,598	3,144,172	1,814,442	762	125	10	627	45	
81,634	20,416	127,229	7,364	8,873	59,787	364,592	3,753	858,706	490,356	203	35	168	46	46	
192,042	200,159	619,117	.....	10,869	34,316	931,540	29,840	2,285,466	1,324,086	559	90	10	459	47
234,023	51,066	220,870	3,449	17,733	76,466	872,000	9,583	1,752,476	870,893	232	.....	206	48	48
401,041	157,236	1,349,572	20,522	104,792	19,637	1,144,324	100,194	4,162,707	2,918,189	1,576	2	1,574	49	49	
64,085	54,405	224,200	.....	20,420	9,977	281,540	6,694	760,497	472,254	135	.....	135	50	50
141,049	71,314	260,245	400	30,599	37,043	767,662	11,463	1,823,042	1,044,517	204	.....	14	190	51
805,318	477,805	8,440,199	200,235	251,254	111,322	7,197,479	140,194	15,375,830	8,038,157	4,166	235	887	3,044	85	
435,259	782,260	1,664,988	4,206	80,318	251,006	5,057,871	80,169	9,705,279	4,567,239	1,410	900	75	4	100	
255,328	325,414	1,159,630	131,828	125,821	20,767	7,076,764	19,518	10,402,346	3,306,064	232	.....	232	54	54
87,522	41,803	356,029	67,134	7,408	7,922	297,120	12,315	988,984	679,549	137	.....	137	55	55
495,813	495,150	4,868,193	1,000	189,657	800,342	15,530,513	168,064	25,196,990	9,492,413	3,170	1,630	164	1,376	56	
14,200	3,690	40,187	.....	24,868	50,959	892,514	1,424	1,183,535	280,597	33	.....	33	57	57
13,000	1,040	31,937	.....	20,121	45,435	821,292	900	1,057,120	234,931	23	.....	23	58	58
1,200	2,650	8,250	.....	4,747	5,524	71,222	518	126,406	54,606	10	.....	10	59	59
2,121,463	3,042,443	14,382,307	459,081	903,304	33,670,570	61,330,326									

MANUFACTURES—NEW YORK.

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COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								POWER.							
Salaries and wages.			Rent and taxes.		For materials.			Value of products.	Value added by manufacture.	Primary horsepower.				Electric horsepower generated in establishments reporting.	
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water-power. ¹	

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
563,040	350,418	3,356,400	103,802	425,855	45,144	0,129,896	87,714	13,165,901	6,948,291	892	60	832	21	1	
470,566	367,055	2,322,908	19,739	223,508	26,383	6,558,036	29,551	11,624,816	5,037,229	549	153	384	21	2	
243,921	184,087	604,973	2,126	37,533	46,606	2,405,761	26,774	4,177,757	1,745,222	510	216	288	3	3	
64,009	53,975	355,447	2,126	11,640	3,762	791,328	12,074	1,401,561	508,159	223	150	73	4	4	
114,407	104,431	177,778	19,709	35,065	1,091,519	11,147	1,990,454	887,788	211	15	198	5	5	5	
65,505	25,681	71,748	6,184	7,809	522,914	3,553	782,742	259,275	76	50	20	6	6	6	
322,481	256,837	1,114,698	98,279	168,861	98,988	7,271,934	26,087	11,040,491	3,742,470	377	16	361	7	7	
903,294	1,136,694	883,674	3,518	44,870	384,560	9,306,967	102,846	15,235,909	5,826,096	1,914	1,064	880	8	8	
83,373	27,942	202,525	371	16,915	8,329	465,106	27,863	1,000,477	567,508	816	430	121	9	9	
21,816	18,618	67,284	20	7,417	20,945	157,744	2,542	331,937	171,651	33	25	8	10	10	
9,490	11,110	64,325	—	7,940	287	103,957	4,062	249,315	141,296	186	—	186	11	11	
114,327	57,630	297,408	2,000	52,155	68,031	1,618,076	17,411	2,729,571	1,094,084	357	—	357	12	12	
396,090	270,759	1,630,036	11,417	115,340	134,232	3,960,495	116,281	8,142,710	4,065,934	3,272	1,170	1,086	13	13	
81,474	19,740	420,604	28,259	57,444	2,355	473,684	15,650	1,392,041	902,707	661	267	355	14	14	
40,002	17,944	114,659	400	26,862	1,739	418,337	4,297	741,645	321,011	219	53	160	15	15	
8,806,251	11,753,063	49,906,640	3,372,046	1,926,513	13,007,370	344,900,980	30,534,037	511,276,881	135,751,853	143,714	86,508	22,762	634	16	16

Lumber and timber products.	4	Petroleum, refining.	2	Stencils and brands.	15	Washing machines and clothes wringers.	2
Malt.	2	Printing and publishing, music.	60	Sugar, refining, not including beet sugar.	3	Waste, cotton.	2
Matches.	1	Pulp goods.	3	Sulphuric, nitric, and mixed acids.	1	Watchcases.	17
Mats and matting, from cocoa fiber, grass, and coir.	2	Sand and emery paper and cloth.	2	Theatrical scenery.	4	Watches.	3
Minerals and earths, ground or otherwise treated.	7	Screws, machine.	4	Tin foil, and other foils, not elsewhere specified.	4	Whalebone cutting.	1
Motorcycles, bicycles, and parts.	2	Show cases.	19	Tin plate and terneplate.	1	Wheelbarrows.	1
Oil, essential.	3	Smelting and refining, copper.	34	Type founding.	4	Whips.	2
Oil, lard.	1	Smelting and refining, tin.	1	Upholstering materials, not elsewhere specified.	2	Wire.	1
Oil, linseed.	1	Smelting and refining, not from the ore.	9	Vault lights and ventilators.	11	Wood carpet.	2
Oleothin and linoleum, floor.	1	Soda-water apparatus.	23	Vinegar.	1	Wood preserving.	1
Ordnance and accessories.	2	Steel barrels, drums, and tanks, portable.	1	Wallpaper, not made in paper mills.	5	Wool shoddy.	3
Paper and wood pulp.	2	Pencils, lead.	2			Woolen goods.	1
						Worsted goods.	2

4,899,713	3,380,312	23,658,433	2,107,104	1,062,085	4,203,007	53,684,638	3,117,107	114,975,501	58,173,696	41,796	23,461	795	4,166	95	13,279	11,073	1
19,995	1,455	81,668	300	13,971	3,063	158,011	1,263	196,051	86,777	42	—	10	32	2	2	2	2
27,442	9,446	174,337	398	28,783	2,521	188,822	4,779	519,077	325,476	164	—	7	157	3	3	3	3
13,724	2,152	66,783	—	7,982	5,373	128,244	1,592	311,923	182,087	15	—	12	64	4	4	4	4
9,672	780	47,004	—	7,387	242	60,728	2,924	174,917	111,205	78	—	764	200	6	6	6	6
91,821	186,870	2,002,469	7,762	267,700	105,130	6,890,736	210,387	11,197,988	4,296,865	1,089	325	50	43	7	7	7	7
6,480	1,628	52,083	200	11,940	1,258	49,095	4,482	163,270	109,698	108	—	—	—	—	—	—	—
88,171	8,114	147,545	6,911	10,493	29,993	518,748	13,050	974,772	442,965	59	—	59	8	8	8	8	8
57,322	37,767	581,894	69,328	38,614	235	1,173,057	13,418	2,465,948	1,278,573	181	—	10	171	9	9	9	9
47,217	35,004	247,491	60,337	20,479	235	1,102,726	5,672	1,872,260	763,862	81	—	81	81	10	10	10	10
20,038	12,350	91,941	42,346	8,440	25	396,852	1,981	807,578	408,795	16	—	—	—	16	16	16	16
18,979	18,426	80,127	15,752	6,445	195	457,531	2,189	679,730	220,049	31	—	—	—	31	31	31	31
7,300	4,229	69,423	2,239	5,594	15	248,313	1,582	384,943	135,018	34	—	34	13	13	13	13	13
10,105	2,763	334,403	8,991	18,135	1,560	71,231	7,746	533,688	512,711	100	—	10	90	14	14	14	14
8,700	1,390	256,580	8,991	10,802	—	39,034	5,891	437,945	393,020	64	—	10	54	16	16	16	16
1,600	—	10,630	—	1,455	—	1,765	485	28,822	20,572	14	—	14	14	17	17	17	17
1,805	1,373	31,058	4,318	6,605	3,427	30,232	1,058	80,921	49,631	17	—	17	17	19	19	19	19
16,210	23,204	126,143	150	38,870	3,427	599,727	12,936	1,036,117	423,454	131	—	102	20	20	20	20	20
16,210	22,604	92,725	—	13,985	3,151	430,009	8,210	724,431	286,212	102	—	72	21	21	21	21	21
1,200	33,418	150	24,385	2,761	160,718	4,728	311,686	137,242	79	—	7	7	22	22	22	22	22
89,414	33,624	272,246	2,985	29,921	5,047	558,703	9,102	1,189,412	641,607	168	—	2	166	23	23	23	23
33,243	5,816	72,461	605	11,898	1,757	558,522	5,530	769,116	205,064	101	—	101	101	24	24	24	24
20,479	6,505	58,573	—	6,795	10	170,515	2,135	312,522	139,872	40	—	40	40	5	5	5	5
3,820	884	41,261	—	15,067	480	303,020	8,654	446,252	134,578	233	—	192	41	5	5	5	5
6,647	600	55,183	4,880	12,574	588	263,920	1,682	423,348	157,746	14	—	14	26	26	26	26	26
—	2,800	4,889	780	—	9,022	375	20,753	11,356	3	—	3	27	27	27	27	27	27
94,850	31,037	242,725	10,395	28,066	8,548	305,519	7,480	796,502	483,503	359	200	18	141	29	29	29	29
—	1,040	10,232	—	2,030	320	32,260	882	89,541	56,399	18	—	18	18	18	18	18	18
—	—	3,060	—	1,020	—	9,300	327	19,800	10,173	2	—	2	2	30	30	30	30
69,133	19,686	331,268	658	93,385	88,707	164,375	248,772	1,556,029	1,143,482	5,645	3,050	1,825	770	31	31	31	31
81,278	77,231	176,988	1,085	14,433	22,631	559,284	18,654	1,084,539	511,621	202	85	117	117	—	—	—	—

¹ Same number reported for one or more other months.² Same number reported throughout the year.

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establish- ments	PERSONS ENGAGED IN TILE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.						
		Total.	Propri- etors and firm mem- bers.	Sal- aried offi- cers, super- in- tend- ents, and man- agers.	Clerks, etc.		Wage earners.				Total.	16 and over.		Under 16.		Capital.
					Male.	Fe- male.	Ave- rage num- ber.	Number, 15th day of—		Maximum month.		Male.	Fe- male.	Male.	Fe- male.	

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

																Dollars.		
1	Jewelry.....	5	23	6	1	1	15	De ⁸	19	Ja	6	19	13	0	74,818			
2	Knit goods.....	31	911	20	62	93	48	679	No ⁸	My	583	849	311	1	2,810,006			
3	Leather goods, not elsewhere specified.....	5	22	5	—	—	16	No ⁸	19	Ap	10	16	9	7	27,536			
4	Looking-glass and picture frames.....	3	3	3	—	—	—	—	—	—	—	—	—	—	2,469			
5	Lumber, planing-mill products, not including planing mills connected with sawmills.....	13	189	6	21	14	5	143	De	105	Mh	132	157	—	404,778			
6	Marble and stone work.....	41	326	36	42	8	6	234	—	—	—	250	250	—	836,039			
7	Monuments and tombstones.....	14	61	12	10	—	1	38	Au	44	Ja	28	39	89	130,706			
8	Marble and stone work, and roofing slate.....	27	265	24	32	8	5	196	Je	238	Fe	140	211	211	705,333			
9	Military and lace goods, not elsewhere specified.....	98	2,087	101	66	105	97	1,658	—	—	—	1,840	518	1,296	6	20	4,217,667	
10	Embroideries.....	78	1,368	81	52	42	25	1,168	De	1,311	Mh	1,018	1,316	358	945	5	8	2,741,081
11	All other.....	20	719	20	14	123	72	400	Ja	559	No	377	624	160	351	1	12	1,476,606
12	Mineral and carbonated waters.....	14	63	14	7	1	—	41	Se	48	Ja	34	45	45	45	—	111,581	
13	Musical instruments, pianos.....	28	2,246	5	115	65	66	1,995	Au	2,562	Oc	399	2,177	2,001	80	—	9,355,553	
14	Musical instruments, piano materials.....	9	651	—	31	10	13	597	Au	690	Ja	455	650	454	180	6	4	1,497,363
15	Purfumery and cosmetics.....	4	7	5	—	—	—	2	(1)	(1)	(1)	2	2	2	2	—	17,821	
16	Printing and publishing, book and job.....	52	807	49	25	9	15	209	No	224	My	197	214	193	18	3	—	901,221
17	Printing and publishing, newspaper and periodicals.....	20	331	3	32	145	93	58	—	—	—	54	39	15	—	—	601,772	
18	Printing, publishing, and job printing.....	5	149	2	9	7	73	58	Fe ⁸	68	No	51	54	39	15	—	378,685	
19	Publishing without printing.....	15	182	1	23	138	20	—	—	—	—	198	198	198	—	—	223,087	
20	Refrigerators.....	4	221	—	9	9	6	197	No	207	Ja	187	—	—	—	—	532,578	
21	Shipbuilding, wooden, including boat building.....	7	322	4	14	15	3	286	Je	398	Se	234	278	276	2	—	1,498,378	
22	Structural ironwork, not made in steel works or rolling mills.....	34	304	21	47	27	8	201	De	310	Ja	186	313	312	1	—	742,884	
23	Tobacco, cigars and cigarettes.....	177	582	188	9	13	4	368	—	—	—	372	216	156	1	—	1,344,878	
24	Cigars.....	172	576	183	9	13	4	367	No	409	Ja	311	371	215	155	1	—	1,337,483
25	Cigars and cigarettes.....	5	6	5	—	—	—	1	(1)	1	(1)	1	1	1	1	—	7,425	
26	Trunks and valises.....	3	4	4	—	—	—	—	—	—	—	—	—	—	—	—	4,200	
27	Window shades and fixtures.....	9	37	10	3	—	—	3	21	Je ⁸	32	Se ⁸	17	18	13	5	—	74,744
28	Wood, turned and carved.....	3	6	3	—	—	—	3	Ap	8	Jy	—	3	3	3	—	3,958	
29	All other industries*.....	253	11,804	214	522	840	447	9,871	—	—	—	10,588	7,481	3,068	7	32	62,047,333	

*All other industries embrace—	Brushes.....	1	Coffins, burial cases, and undertakers' goods.....	1	Engraving and diesinking.....	3
Artificial flowers.....	2	Buttons.....	2	Engraving, steel and copper plate, including plate printing.....	3	
Artificial stone products.....	2	Candles.....	2	Feathers and plumes.....	3	
Babbitt metal and solder.....	1	Canning and preserving, fish.....	1	Flavoring extracts.....	2	
Bags, other than paper, not including bags made in textile mills.....	2	Carpets and rugs, other than rag.....	1	Foundry and machine-shop products	24	
Bags, paper, exclusive of those made in paper mills.....	3	Carriages and wagons, materials.....	1	Furs, dressed.....	1	
Bluing.....	1	Carriges and sleds, children's.....	1	Gas and electric fixtures.....	3	
Bookbinding and blank-book making.....	3	Cars and general shop construction and repairs by electric-railroad companies.....	1	Gas, illuminating and heating.....	2	
Boots and shoes, not including rubber boots and shoes.....	2	Cars and general shop construction and repairs by steam-railroad companies.....	1	Gloves and mittens, leather, not including gloves made in textile mills.....	2	
Boxes, cigar.....	3	Cleansing preparations.....	2	Gloves and mittens, cloth, not including gloves made in textile mills.....	2	
Boxes, set-up paper boxes and cartons.....	5	Dyeing and finishing textiles, exclusive of that done in textile mills.....	5	Hair work.....	2	
Brick, terra-cotta products.....	1	Electroplating.....	2	Hardware.....	6	

1	BROOKLYN BOROUGH—All industries.	6,738	203,021	6,793	8,426	13,513	7,505	166,724	De	180,301	Mh	158,222	186,504	134,307	51,248	418	501	729,166,203
2	Artificial flowers.....	9	69	8	4	—	2	55	De	64	My	46	60	12	44	—	4	42,990
3	Artificial stone products.....	5	42	1	2	1	1	37	Jy	46	Ja	26	38	38	—	—	241,847	
4	Automobile bodies and parts.....	57	738	63	41	17	19	598	Au	650	No	446	643	605	38	—	1,231,118	
5	Automobile repairing.....	124	737	119	48	59	17	494	Au	519	Ja	443	522	520	2	—	1,186,511	
6	Awnings, tents, and sails.....	36	358	36	20	24	12	264	My	331	De	177	186	146	38	2	—	1,032,986
7	Bags, other than paper, not including bags made in textile mills.....	9	692	4	31	45	32	580	De	700	My	480	700	287	413	—	4,105,944	
8	Bookbinding and blank-book making.....	17	1,407	16	30	97	181	1,083	Jy	1,127	My	995	1,053	344	702	4	3	4,346,772
9	Boot and shoe findings.....	31	458	34	36	4	17	367	De	418	Ja	321	417	340	73	4	—	790,167
10	Boots and shoes, not including rubber boots and shoes.....	143	9,725	105	408	272	364	8,516	No	9,575	Mh	5,081	9,030	7,245	2,332	34	19	20,515,723
11	Boxes, paper and other, not elsewhere specified.	65	4,767	33	232	264	152	4,086	—	—	—	4,364	2,230	2,004	9	25	—	12,774,717
12	Set-up paper boxes.....	50	1,978	30	129	30	42	1,747	De	1,973	Se	1,527	1,974	565	1,379	8	22	2,070,518
13	All other.....	15	2,789	3	103	234	110	2,339	Ja	2,588	Se	2,102	2,390	1,671	715	1	3	10,704,199
14	Brass, bronze, and copper products.....	51	3,780	35	118	150	124	3,344	De	3,086	Ja	2,964	3,726	2,514	1,175	—	37	13,803,781
15	Bread and other bakery products.....	837	6,062	881	136	359	145	4,541	De	4,735	Ja	4,371	4,854	4,175	601	15	3	13,338,390
16	Brick and tile, terra-cotta and fire-clay products.....	4	166	1	5	13	2	145	Mh	150	Jy	130	146	140	—	—	—	621,628
17	Brushes.....	26	291	22	25	19	14	211	—	—	—	210	113	96	—	1	—	741,330
18	Brushes, toilet, paint, and varnish.....	12	231	7	18	18	14	174	Ja	193	Se	162	170	82	87	—	1	634,262
19	All other.....	14	60	15	7	1	—	37	De ⁸	40	Je	33	40	31	9	—	—	107,068

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—NEW YORK.

1071

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								POWER.							
Salaries and wages.			Rent and taxes.		For materials.			Value of products.	Value added by manufacture.	Primary horsepower.				Electric horsepower generated in establishments reporting.	
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water-power. ¹	

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	
2,600	786	26,370	1,502	3,580	769	147,902	1,506	222,070	72,572	22	—	—	22	—	1	
272,300	208,109	657,468	138,937	75,787	67,183	3,005,690	19,193	5,351,837	2,326,945	373	—	—	373	—	2	
1,200	15,590	—	1,872	—	—	46,879	164	75,202	28,159	5	—	—	5	—	3	
54,157	30,716	210,446	—	14,205	4,471	424,053	15,972	899,647	459,622	351	50	125	176	—	4	
82,670	16,929	369,274	36,801	31,315	4,500	668,879	25,949	1,434,701	739,873	1,997	838	323	836	133	6	
17,753	1,714	61,330	20,002	5,267	1,257	111,381	2,626	296,318	182,311	131	98	33	803	133	7	
64,917	15,215	307,944	16,889	20,048	3,243	557,498	23,323	1,138,383	557,562	1,866	838	225	—	—	8	
296,246	224,582	1,595,127	347,288	103,237	50,261	3,131,000	49,481	7,262,034	4,080,953	773	420	—	353	87	9	
259,194	140,068	1,147,723	339,693	89,813	26,942	2,117,103	32,926	4,900,212	2,750,183	329	—	—	320	—	10	
37,052	84,514	447,404	7,595	13,424	23,319	1,014,497	16,555	2,361,822	1,330,770	444	420	—	24	87	11	
9,880	1,000	51,958	9,046	3,933	1,51,852	3,422	283,673	128,399	40	—	4	36	—	12		
472,528	178,292	2,392,792	177,118	185,325	7,058,714	92,918	11,891,041	4,739,406	1,913	1,080	150	703	473	13	14	
114,804	24,700	524,367	40,125	12,193	1,126,780	17,777	2,163,321	1,018,764	595	250	—	320	100	—	15	
—	2,944	—	1,952	3	46,652	—	—	62,166	15,514	—	—	—	—	—	—	
74,851	24,138	294,960	7,754	34,452	2,786	507,846	10,512	1,156,175	637,817	209	—	13	196	—	16	
109,840	205,364	87,705	480,097	11,048	12,454	43,598	3,950	1,062,766	1,015,218	49	—	—	49	—	17	
20,058	87,412	67,705	500	1,080	4,725	41,207	3,950	271,756	226,599	49	—	—	49	—	18	
89,782	117,952	—	479,597	9,968	7,729	2,391	—	701,010	788,619	—	—	26	185	—	19	
26,474	37,257	196,880	—	12,460	21,549	217,588	8,780	571,173	344,855	350	139	—	518	20	21	
91,553	20,282	407,014	—	4,120	46,156	486,192	10,150	1,281,751	785,403	653	120	15	—	—	—	
132,356	50,377	380,147	5,403	41,331	10,770	806,835	14,801	1,674,813	853,177	421	—	150	271	5	22	
18,678	24,537	271,626	38	45,903	153,957	599,398	6,111	1,341,184	735,675	74	—	22	52	—	23	
18,678	24,537	270,376	38	45,003	151,486	590,054	6,056	1,322,001	729,861	73	—	22	51	—	24	
—	1,250	—	900	2,471	9,344	25	10,183	9,814	1	—	—	1	—	25	—	
—	840	—	—	14,600	78	—	22,160	9,482	2	—	—	2	—	26	—	
17,067	2,952	17,672	5,997	134	83,663	1,270	154,887	69,954	12	—	—	12	—	27	—	
2,398,408	1,874,263	11,602,094	982,601	403,278	3,414,222	22,628,969	2,271,381	54,304,029	29,403,689	25,252	16,959	645	1,280	95	6,273	8,488

Ink, printing.....	1	Mucilage, paste, and other adhesives, not elsewhere specified.....	2	Rubber tires, tubes, and rubber goods, not elsewhere specified.....	2	Surgical appliances.....	3
Ink, writing.....	1	Musical instruments and materials, not specified.....	2	Tools, machinists' tools.....	1	Textile machinery and parts.....	1
Iron and steel, steel works and rolling mills.....	1	Musical instruments, organs.....	2	Sausage, not made in slaughtering and meat-packing establishments.....	4	Toys and games.....	6
Iron and steel, doors and shutters.....	1	Needles, pins, and hooks and eyes.....	2	Shipbuilding, steel.....	1	Umbrellas and canes.....	2
Iron and steel, welding.....	1	Paints.....	3	Shirts.....	10	Varnishes.....	2
Labels and tags.....	1	Paper goods, not elsewhere specified.....	4	Silk goods.....	5	Wall plaster and composition flooring.....	2
Lamps and reflectors.....	2	Patent medicines and compounds.....	2	Silversmithing and silverware.....	2	Washing machines and clothes wringers.....	2
Liquors, malt.....	4	Paving materials.....	1	Slaughtering and meat packing.....	4	Window and door screens and weather strips.....	1
Lithographing.....	4	Photographs and graphophones.....	2	Soda-water apparatus.....	1	Wirework, not elsewhere specified.....	3
Mattresses and spring beds, not elsewhere specified.....	8	Photographic materials, motion-picture projection films.....	2	Sporting and athletic goods.....	1	Wooden goods, not elsewhere specified.....	2
Mirrors, framed and unframed, not elsewhere specified.....	1	Pickles and sauces.....	1	Steam fittings and steam and hot-water heating apparatus.....	1	Worsted goods.....	1
Models and patterns, not including paper patterns.....	1	Pipes, tobacco.....	1	Steam packing.....	2	—	—
Motorcycles, bicycles, and parts.....	1	Regalia, and society badges and emblems.....	1	Stoves and hot-air furnaces.....	1	—	—

34,719,085	30,562,584	201,232,510	8,242,372	8,668,277	46,392,678	948,430,021	22,040,675	1,184,973,144	514,502,448	270,998	114,248	13,559	6,188	5	130,998	35,510	1
5,451	1,620	32,234	6,550	4,032	266	50,976	957	129,316	77,383	2	—	—	2	—	2	2	
6,495	2,446	50,506	852	21,900	98,998	3,234	183,760	86,528	59	35	—	24	—	3	3		
112,856	40,340	717,903	13,280	155,244	38,657	1,040,685	33,914	2,510,035	1,441,436	1,139	75	—	1,039	446	4		
148,420	73,133	659,898	1,013	120,335	24,128	1,109,107	28,759	2,543,354	1,405,488	464	—	18	—	446	5		
90,735	62,344	321,658	9,836	35,954	17,954	1,592,132	7,903	2,603,044	1,003,609	139	—	—	139	—	6		
227,403	123,353	252,100	4,870	26,500	505,572	11,352,509	14,868	13,978,552	2,611,175	478	300	—	178	—	7		
126,521	237,422	785,140	600	27,207	41,715	1,459,645	26,633	2,883,881	1,397,403	479	20	—	1	458	8		
91,411	19,009	393,818	13,768	32,046	12,137	989,125	21,532	1,970,532	959,875	541	—	—	541	—	9		
1,918,681	1,254,878	11,201,733	172,290	360,103	491,000	21,055,797	180,396	45,158,936	23,922,743	4,328	1,305	5	3,018	337	10		
817,787	780,500	4,138,330	74,700	281,893	451,272	6,954,075	146,134	16,745,026	9,644,817	4,458	1,825	10	—	1,308	800	11	
326,470	119,800	1,595,918	74,700	147,743	65,175	2,255,454	35,478	5,650,497	3,359,565	728	60	—	650	—	12		
491,317	667,200	2,542,491	134,150	386,097	4,698,621	110,656	11,094,529	6,285,252	3,732	1,765	1,315	—	652	800	13		
742,541	407,177	3,298,695	4,258	82,221	2,139,183	9,038,082	149,773	21,120,117	11,934,262	4,182	1,525	650	653	1,354	1,547	14	
481,189	657,685	6,668,501	18,155	550,872	297,238	24,405,793	710,507	39,397,797	14,281,497	3,806	838	12	2,956	475	15		
23,628	17,603	151,335	5,052	14,282	107,977	48,337	505,431	349,117	475	300	—	—	175	—	16		
84,556	46,345	302,728	2,890	11,957	11,204	501,164	10,245	971,520	460,111	227	150	48	29	100	17		
71,906	45,420	267,587	1,849	8,847	10,476	401,883	8,719	787,927	377,325	169	150	—	19	100	18		
12,650	925	35,141	1,050	3,110	818	99,281	1,526	183,593	82,736	58	—	48	10	—	19		

* Same number reported for one or more other months.

† Same number reported throughout the year.

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY.						WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.		Total.	16 and over.		Under 16.	
					Male.	Female.	Average number.	Number, 15th day of—		Male.	Female.		

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

1	BROOKLYN BOROUGH—Con.												Dollars.
2	Canning and preserving, fish.	7	78	6	7	7	4	54	Ja	61	Jy	47	387,937
3	Carpets, rag.	6	30	7	—	—	1	22	De	20	Jo	18	11,725
4	Carriages and sleds, children's.	9	132	9	4	5	2	112	Oc	123	Jy	103	201,742
5	Carriages and wagons, including repair pairs.	40	196	62	8	5	1	120					603,678
6	Carriages and wagons.	10	88	12	8	5	1	62	Au	71	No	53	72
7	Repair work only.	39	108	50	—	—	—	58	Se	63	De	52	72
8	Cheese.	7	16	10	—	—	—	6	(4)	6	(4)	6	229,671
9	Chemicals.	24	1,072	10	61	90	44	867	No	806	Je	818	10,815
10	Clothing, men's.	507	13,115	783	133	108	204	11,702					7,564,307
11	Regular factories.	97	4,091	121	86	185	282	3,417					10,769,521
12	Men's and youths'.	49	1,401	65	32	43	25	1,230	No	1,428	Ja	692	3,692
13	Boys'.	30	985	36	26	69	40	817	Se	908	Jn	580	2,126,537
14	All other.	18	1,702	20	28	73	217	1,364	Je	1,525	Jy	1,166	3,948,124
15	Contract work.	410	9,024	662	52	13	12	8,285	De	7,333	Ja	3,139	1,983,719
16	Men's and youths'.	314	6,312	511	27	6	8	5,760	Se	2,752	Ja	1,553	1,306,364
17	Boys'.	83	2,528	130	24	7	3	2,364	Se	2,901	Ja	907	581,983
18	All other.	13	184	21	1	—	—	161	No	222	Ja	69	95,369
19	Clothing, women's.	558	8,345	798	202	219	130	6,996					8,078,683
20	Regular factories.	206	4,535	375	154	210	122	3,674	Se	551	My	310	7,070,283
21	Suits, skirts, and cloaks.	62	567	91	9	19	12	436	Se	1,276	Ja	811	1,230
22	Shirt waists and dresses, except house dresses.	86	1,379	127	42	56	38	1,118	My	1,276	Ja	184	1,052
23	Undergarments and petticoats.	29	901	81	36	43	34	757	De	888	Fe	618	1,798,764
24	Wrappers and house dresses.	11	181	16	9	7	6	148	Oc	173	Ja	111	405,332
25	All other.	78	1,507	110	58	85	32	1,222	No	1,393	Fe	985	1,880,254
26	Contract work.	292	3,810	423	48	9	8	3,322					1,009,400
27	Suits, skirts, and cloaks.	79	737	116	13	1	2	605	Se	846	My	315	213,518
28	Shirt waists and dresses, except house dresses.	89	1,162	128	17	5	6	1,006	Se	1,106	Ja	727	279,403
29	Undergarments and petticoats.	20	284	25	2	2	—	255	No	319	Mh	188	67,409
30	Wrappers and house dresses.	23	232	34	—	—	—	198	Do	265	Jy	143	243
31	All other.	81	1,305	120	16	1	—	1,258	No	1,568	Ja	1,020	80,889
32	Coal-tar products.	21	1,331	10	106	168	82	665	Ja	1,099	Ja	943	308,121
33	Coffee, roasting and grinding.	13	893	13	33	120	69	658	Jy	712	Oc	441	8,867,174
34	Confectionery and ice cream.	231	4,465	219	189	279	146	3,632					6,754,437
35	Confectionery.	69	3,713	72	146	233	128	3,137	Ap	3,468	Ja	2,715	10,828,889
36	Ice cream.	142	732	147	43	46	21	405	Jy	1,025	Fe	388	3,431,365
37	Cooperage.	41	919	49	21	14	11	824	Mh	942	My	582	2,097,111
38	Hogsheads and barrels.	27	858	34	19	14	9	782	Ap	3,004	Ja	1,755	3,553,721
39	All other.	14	61	15	2	—	—	42	De	265	Ja	36	122,356
40	Copper, tin, and sheet-iron work.	130	1,057	116	90	53	31	767	De	873	Fe	670	2,060,594
41	Cork, cutting.	25	1,319	11	52	38	68	1,150	Ja	1,232	Ap	1,093	3,676,154
42	Druggists' preparations.	10	733	6	33	20	40	634	Ja	721	Au	524	2,315,305
43	Dyeing and finishing textiles, exclusive of that done in textile mills.	16	1,098	7	70	66	60	805	Fe	1,156	Ja	693	3,464,020
44	Electrical machinery, apparatus, and supplies.	37	3,402	11	101	295	190	2,769	Ja	3,184	Jy	2,532	8,031,780
45	Fancy articles, not elsewhere specified.	45	753	44	35	38	30	600					1,263,093
46	Celluloid novelties.	7	307	8	13	21	28	299	Au	364	No	197	622,885
47	Metal novelties.	5	185	3	7	7	5	183	Au	193	Ja	93	294,016
48	Paper novelties.	7	51	5	7	6	2	31	Oc	59	Ja	17	127,168
49	All other.	25	150	30	7	4	1	107	No	123	Ja	79	219,021
50	Feathers and plumes.	6	63	9	—	1	—	53	Mh	67	Ja	39	70,675
51	Food preparations not elsewhere specified.	100	1,497	109	76	203	68	1,061					4,872,117
52	Macaroni, vermicelli, and noodles.	71	401	85	21	17	6	332	Ap	364	No	216	1,271,409
53	All other food preparations for human, animal, and fowl consumption.	29	1,036	24	55	180	52	719	De	780	Ja	635	3,600,703
54	Foundry and machine-shop products.	207	13,932	168	612	1,113	818	11,223	Ja	578	No	230	50,010,958
55	Bollar shops.	11	560	7	26	25	8	494	De	117	Ja	102	2,066,222
56	Machine shops.	171	10,599	145	447	938	753	8,316	Se	9,050	Jy	7,140	43,171,727
57	Foundries and machine shop and foundry combined.	25	2,773	16	139	150	55	2,413	De	2,781	Jy	1,889	4,179,009
58	Fur goods.	50	778	54	18	22	7	677	De	894	My	108	609,359
59	Furnishing goods, men's.	19	331	23	18	28	13	249	Mh	270	Ja	234	758,811
60	Furniture.	118	2,934	126	171	200	92	2,345					6,966,764
61	Wood furniture, other than rattan and willow.	62	1,360	73	81	64	45	1,097	De	1,283	Ja	900	2,808,304
62	Rattan and willow furniture.	7	34	9	4	2	1	18	De	117	Ja	1	32,917
63	Metal furniture.	21	1,004	15	48	116	38	787	No	994	Ja	618	3,059,208
64	Store and office fixtures.	28	530	29	38	18	8	443	No	507	Jy	374	976,245
65	Furs, dressed.	52	1,946	30	120	45	26	1,716	Jy	1,028	Ap	1,353	2,995,185
66	Gas and electric fixtures.	20	852	13	58	47	20	714					1,540,392
67	Electric fixtures.	10	471	7	42	31	11	380	De	614	Fo	239	771,816
68	All other.	10	381	6	16	16	9	334	Oc	364	Ja	286	541,075
69	Glass.	4	279	3	9	7	5	255	De	203	Jy	105	812,549
70	Glass, cutting, staining, and ornamenting.	46	530	45	23	28	14	420	Au	484	Ja	352	58,532
71	Gloves and mittens, leather.	7	23	7	1	1	1	14	Oc	19	Ja	5	124,649
	Gold, leaf and foil.	23	128	20	2	—	—	90	Ja	108	Ja	84	111

¹ Includes water wheels and turbines (irrespective of ownership) of water supply), and water motors (operated by water from city mains).² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—NEW YORK.

1073

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.										POWER.									
Salaries and wages.			Rent and taxes.			For materials.			Value of products.	Value added by manufacture.	Primary horsepower.					Electric horse-power generated in establishments reporting.			
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Total.		Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹	Rent ed. ²					
10,660	4,624	84,833	2,466	10,890	1,796	120,759	5,588	328,266	201,971	149						40		1	
10,660	4,624	79,668	9,931	11,415	2,083	111,369	5,928	319,887	202,600	128						18		2	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						68		3	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						267		4	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						149		5	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						118		6	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						5		7	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						617		8	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						1,841		9	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						509		10	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						168		11	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						6		12	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						177		13	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						164		14	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						1,332		15	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						922		16	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						373		17	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						37		18	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						1,667		19	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						863		20	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						119		21	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						260		22	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						61		23	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						59		24	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						270		25	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						10		26	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						48		27	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						260		28	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						831		29	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						170		30	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						16		31	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						2,004		32	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						140		33	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						100		34	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						4,067		35	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						890		36	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						1,067		37	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						75		38	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						1,332		39	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						922		40	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						40		41	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						2,002		42	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						50		43	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						59		44	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						270		45	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						3,750		46	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						890		47	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						1,067		48	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						75		49	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						1,332		50	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						922		51	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						40		52	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						6		53	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						59		54	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						270		55	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						3,750		56	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						890		57	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						1,067		58	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						75		59	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						1,332		60	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						922		61	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						40		62	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						202		63	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						1,664		64	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						1,240		65	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						1,020		66	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						3,025		67	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691	22,409	5						107		68	
10,660	4,624	8,800		2,212	37	32,144	1,138	55,691											

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					
		Total.	Propri- etors, super- intend- ents, and manag- ers.	Salaried officers, super- intend- ents, and manag- ers.	Clerks, etc.		Wage earners.		Number, 15th day of—	16 and over.		Under 16.		Capital.	
					Male.	Female.	Aver- age num- ber.	Maximum month.	Minimum month.	Male.	Female.	Male.	Female.		
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.															

BROOKLYN BOROUGH—Con.															Dollars.	
1 Hardware.....	19	1,106	9	56	40	32	969	De	623 Ja	378	1,131	975	156	.....	2,910,787
2 Builders' hardware.....	7	568	4	28	25	20	491	De	623 Ja	378	625	566	59	.....	1,750,962
3 All other.....	12	538	5	28	15	12	478	My	518 Ja	425	506	400	47	.....	1,165,825
4 Hat and cap materials.....	7	947	6	32	22	12	875	De	1,210 My	214	1,164	772	383	9	5,015,011	
5 Hats and caps, other than felt, straw, and wool.....	33	267	44	8	14	2	199	No	225 Fe	157	228	171	57	.....	515,107
6 Ice, manufactured.....	19	455	5	35	18	5	392	Au	471 Ja	201	381	352	.....	5,544,717	
7 Ink, printing.....	12	450	4	46	89	23	288	De	313 Ja	268	313	302	10	.....	3,212,962
8 Instruments, professional and scientific.....	39	2,547	44	96	327	155	1,925	.....	.....	.....	1,789	1,556	223	9	7,245,297
9 Medical and surgical.....	18	473	21	30	7	7	408	Ap	475 Au	231	406	383	20	3	794,323	
10 All other.....	21	2,074	23	60	320	148	1,517	Ja	2,281 Oc	1,278	1,383	1,173	203	6	6,450,974	
11 Iron and steel, doors and shutters.....	12	289	5	36	23	13	212	No	275 Ap	164	273	272	1	.....	729,332
12 Jewelry.....	28	712	31	22	35	35	589	De	711 Ja	495	715	496	200	11	1,540,808	
13 Jewelry and instrument cases.....	6	55	8	2	.....	.....	45	De	58 Ja	37	58	21	37	.....	50,501
14 Knit goods.....	241	6,702	274	226	202	331	5,669	No	6,874 Mh	3,739	6,406	1,983	4,500	4	26,084,134	
15 Lamps and reflectors.....	10	187	4	16	7	13	147	My	181 Oc	122	124	115	9	.....	381,043
16 Leather goods, not elsewhere specified.....	29	355	39	10	22	21	263	No	320 Fo	174	380	194	130	.....	510,054
17 Leather, tanned, curried, and finished.....	11	378	4	23	40	13	298	No	400 Mh	214	395	343	52	.....	2,758,003
18 Liquors, malt.....	11	1,543	.....	65	183	26	1,269	Au	1,432 Ja	1,149	1,184	1,176	8	.....	14,555,245
19 Lithographing.....	14	1,713	1	78	123	56	1,455	Jy	1,553 Oc	1,290	1,487	1,226	201	.....	6,895,642
20 Looking-glass and picture frames.....	12	89	12	6	6	2	63	De	94 Ja	47	94	47	40	1	223,920	
21 Lumber, planing-mill products, not including planing mills connected with sawmills.....	46	1,193	36	55	67	28	1,007	No	1,183 Mh	803	1,178	1,176	2	.....	3,428,050
22 Marble and stone work.....	67	770	64	63	26	9	608	Je	298 Ja	231	663	663	.....	2,045,375	
23 Monuments and tombstones.....	33	332	42	9	10	3	268	De	411 Mh	270	253	253	.....	959,495	
24 Other marble and stone work and slate products.....	34	438	22	54	16	6	340	.....	.....	410	410	410	.....	1,085,880	
25 Mattresses and spring beds, not otherwise specified.....	64	637	73	43	35	22	464	No	555 Ja	410	549	477	72	.....	2,020,743
26 Millinery and lace goods, not otherwise specified.....	108	1,383	137	52	40	26	1,128	.....	.....	.....	1,193	298	885	2	2,122,547
27 Embroideries.....	59	599	77	21	14	6	481	Se	538 Ja	406	534	184	345	1	908,721	
28 Trimmed hats and hat frames.....	18	182	22	5	7	2	146	My ^a	189 Oc	69	102	69	33	.....	342,504
29 Dress and cloak trimmings, braids, fringes, and women's neckwear.....	6	86	6	6	3	3	68	No	81 Fo	60	79	21	57	1	83,993	
30 All other.....	25	514	32	20	16	15	433	Je	453 Ja	408	478	60	414	4	786,329	
31 Mineral and soda waters.....	59	279	64	27	7	4	177	Au	233 Ja	134	182	181	1	.....	619,680
32 Models and patterns, not including paper patterns.....	26	245	30	11	6	11	187	Au	213 Ja	146	194	186	8	.....	467,943
33 Musical instruments and materials, not specified.....	12	71	11	10	3	2	45	De	54 Fo ^b	32	54	52	2	.....	144,508
34 Oil, not elsewhere specified.....	6	23	3	6	2	3	9	Oo ^b	12 Je ^b	7	0	0	0	.....	87,191
35 Paints.....	48	2,578	22	154	374	140	1,888	No	2,001 Ja	1,717	1,084	1,752	225	1	10,473,267	
36 Paper goods, not elsewhere specified.....	22	1,410	10	64	96	70	1,170	No	1,306 My	970	1,299	657	630	12	3,904,371	
37 Patent medicines and compounds.....	48	1,496	16	118	231	157	974	.....	.....	1,088	403	505	.....	6,723,202	
38 Patent and proprietary medicines.....	25	1,086	7	83	131	124	741	No	796 Mh	681	794	378	416	.....	5,099,700
39 Patent and proprietary compounds, including compounds not elsewhere specified.....	23	410	9	35	100	33	233	Ja	375 Jy	151	204	115	179	.....	1,623,442
40 Pens, fountain and stylographic.....	4	145	1	12	6	13	113	Ap	151 No	50	68	65	33	.....	120,350
41 Pens, gold.....	3	54	4	2	.....	.....	48	Au	57 Ja	42	48	46	2	.....	56,281
42 Perfumery and cosmetics.....	21	230	19	17	34	33	136	Jy	156 No	117	133	44	89	.....	648,556
43 Pickles, preserves, and sauces.....	18	904	12	34	85	53	810	De	927 Fe	685	925	525	5	12	1,741,707	
44 Pipes, tobacco.....	12	729	14	23	13	11	668	De	728 Ap	614	736	635	88	1	2,506,487	
45 Plated ware.....	5	280	7	7	28	11	233	Je	251 Se	203	237	196	34	7	523,835	
46 Pocketbooks.....	16	147	21	6	4	5	111	No	124 Ja	86	121	72	49	.....	182,153
47 Pottery, china, earthen, and stone ware.....	3	294	.....	9	8	11	266	Ja	290 De	238	256	182	68	3	282,250
48 Printing and publishing, book and job.....	207	2,577	287	124	84	219	1,863	.....	.....	2,056	1,472	551	15	18	6,328,089
49 Job printing.....	256	1,677	279	74	7	53	1,264	De	1,487 Oc	1,059	1,475	1,203	257	10	5	3,028,806
50 Book printing and publishing and linotype work and typesetting.....	11	900	8	60	77	166	599	Je	626 Oc	552	581	269	204	6	13	3,805,183
51 Printing and publishing, newspapers and periodicals.....	38	1,754	14	120	580	193	847	.....	.....	807	751	115	1	.....	5,218,065
52 Printing, publishing, and job printing.....	20	1,264	9	95	381	96	683	My	712 No	619	703	588	115	.....	4,040,077
53 Publishing without printing.....	18	490	5	25	199	97	104	(^c)	164 (164	104	163	1	1,177,988
54 Pumps, not including power pumps.....	6	147	2	18	10	5	117	Oc	135 Jy	104	122	122	.....	.....	159,332
55 Rubber tires, tubes, and rubber goods, not elsewhere specified.....	7	560	2	30	13	17	507	Jy ^b	543 My	430	526	423	103	.....	1,872,145
56 Sausage, not made in slaughtering and meat-packing establishments.....	23	137	26	7	11	6	87	.....	.....	122	114	7	1	.....	367,938
57 Sausage.....	20	129	21	7	11	6	84	No	120 Mh	71	119	113	6	.....	354,613
58 Sausage casings.....	3	8	5	6	3	3	(^c)	3	3 (	3	3	1	1	1	13,225
59 Shipbuilding, steel.....	11	10,243	224	305	79	9,635	Ja	11,957 So	7,448	11,341	11,318	11	12	.....	28,148,878
60 Shipbuilding, wooden, including boat building.....	18	3,844	17	265	92	18	3,452	Ja	3,709 Oc	2,954	3,405	3,400	6	.....	13,401,009
61 Shirts.....	44	2,052	65	50	58	41	1,832	De	2,477 Jy	1,273	2,451	576	1,855	2	18	4,619,269
62 Show cases.....	6	18	7	1	.....	.....	10	My ^b	11 De	8	10	9	1	.....	20,520
63 Signs and advertising novelties.....	23	239	19	15	73	16	116	De	130 Fe	82	139	88	51	.....	433,986
64 Silk goods.....	21	2,041	11	61	81	46	1,842	De	2,318 Mh	1,014	2,222	651	1,552	6	13	6,243,757

^a Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).^b Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—NEW YORK.

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COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.												POWER.					
Salaries and wages.			Rent and taxes.			For materials.			Value of products.	Value added by manufacturer.	Primary horsepower.				Electric horse-power generated in establishments reporting.		
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Total.			Owned.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹	Rent-ed. ²	
110,773	846,475	1,370	63,007	91,253	1,570,611	93,229	4,130,513	2,466,673	1,483	513	18	951	158	1			
71,699	411,002	1,250	43,351	21,904	843,606	68,384	1,900,302	988,312	1,139	338	18	783	2				
38,074	434,513	120	19,656	69,349	727,005	24,845	2,230,211	1,478,361	346	175		171	158	3			
139,683	26,054	970,403	9,338	37,626	102,840	4,304,811	30,765	6,725,705	2,330,129	1,480	1,422		55	346	4		
18,612	17,885	256,945	1,000	10,813	648	673,705	5,364	1,158,104	479,035	74	30		44	5			
151,136	33,172	664,584	12,375	34,150	150,589	435,148	606,891	3,120,520	2,078,481	12,223	6,870		5,353	706	6		
455,174	127,655	413,496	21,420	148,264	2,852,930	55,433	5,516,888	2,605,525	1,871	1,330	40	501	617	7			
522,650	570,230	2,623,221	10,508	74,458	188,520	1,833,807	68,496	7,581,515	5,679,212	1,381	66		1,315	8			
170,967	20,751	453,476	10,568	21,684	27,177	328,274	17,165	1,392,833	1,047,304	335			279		9		
351,083	549,479	2,169,745	52,774	161,343	1,505,533	51,331	6,188,682	4,631,818	1,046		10		1,036	10			
158,412	44,007	328,583	28,890	12,235	4,520	449,588	8,731	1,241,586	783,264	532	175		347	11			
86,657	105,538	876,096	15,023	43,868	18,827	4,203,690	22,100	6,239,997	2,014,207	320			320	12			
10,000		44,964	7,200	1,592	138	70,492	680	101,837	90,665	2			2	13			
99,791	723,173	5,775,105	1,850,032	205,034	1,179,971	22,602,512	192,642	43,185,419	20,300,265	3,176	1,610	9	1,557	1,300	14		
49,386	20,451	173,963	8,833	1,474	416,362	3,449	843,434	423,623	50			59		15			
32,068	27,121	255,290	1,943	22,587	449	480,077	3,967	1,044,460	500,422	68			66	16			
151,218	97,207	321,288	105,815	25,923	130,269	2,119,484	37,092	3,404,846	1,248,270	821	490	60	271	17			
513,066	288,062	1,640,726	23,000	5,327,487	8,028,389	451,976	16,122,104	12,611,739	10,546	10,464		82	2,405	18			
407,899	361,674	1,677,592	128,600	77,753	84,153	2,141,611	67,284	6,061,745	3,852,850	2,208	1,300		908	1,320	19		
15,488	8,766	62,345	2,500	13,025	235	201,267	2,117	354,833	151,499	40			40	20			
179,512	129,783	1,305,737	68	90,415	61,351	3,644,907	37,309	6,335,803	2,653,587	3,626	2,163	667	180	666	563	21	
108,024	58,530	865,313	47,177	51,229	12,470	1,179,455	53,469	2,903,053	1,670,129	2,418	560		1,546	150	22		
18,028	20,692	414,167	23,353	14,241	4,984	498,513	12,926	1,217,297	705,858	591	150		234	90	23		
180,596	37,838	451,146	23,824	36,988	7,486	680,942	40,543	1,685,756	964,271	1,827	410		1,312	60	24		
123,514	64,520	612,103	16,174	57,215	22,120	2,413,950	10,248	3,949,525	1,516,327	401	15			386	25		
139,276	70,638	1,050,998	204,079	100,561	11,445	2,153,284	24,628	4,493,377	2,315,485	331		5		326	26		
60,948	28,337	494,590	143,126	34,118	2,467	651,750	12,485	1,804,684	1,140,449	152		5		147	27		
11,860	11,952	196,845	22,384	1,046	503,463	4,580	857,532	344,489	59			59		28			
8,119	8,164	49,803	52,448	3,880	148	131,174	1,309	308,562	176,079	15			15		29		
58,349	31,185	318,700	8,505	40,229	7,784	861,877	6,254	1,522,599	654,468	105			105		30		
60,170	14,742	212,011	7,710	29,672	35,641	491,803	15,350	1,139,358	632,205	303			258		31		
27,696	20,303	278,260	2,443	18,849	653	313,400	12,638	884,359	558,321	224			224		32		
19,691	7,031	50,412		5,708	1,961	110,148	4,504	277,342	162,690	87		7		80		33	
11,491	8,839	7,827		6,848	206	120,884	1,335	132,509	60,380	17			17		34		
804,208	997,619	2,004,580	42,979	110,875	383,581	19,373,175	326,981	30,839,999	11,140,843	6,953	4,206	20	110	2,617	1,515	35	
243,336	124,503	650,652	10,906	119,490	245,208	4,192,263	79,095	7,281,299	3,009,941	1,935	1,385	31	566	500	36		
534,123	541,004	906,380	12,325	37,017	424,240	5,187,101	85,733	13,628,850	7,286,756	1,322	995		327	256	37		
361,693	324,878	677,210	22,491	677,824	4,573,792	67,902	10,056,016	6,168,322	1,048	900		148	256	38			
172,430	217,026	229,170	12,305	47,458	119,066	1,682,569	17,831	2,823,834	1,123,434	274	95		179		39		
27,800	16,146	119,728		7,047	108	146,168	1,290	333,543	186,085	55			8		40		
1,800	61,514	790		47	128,461	729	232,166	102,976	16			5		41			
81,163	82,224	92,501		19,628	7,308	622,600	3,223	1,104,845	479,022	53			53		42		
238,065	203,727	760,558	13,325	22,475	2,505	1,418,714	28,622	8,895,943	3,680,220	572	420		152		43		
51,766	71,922	791,536	18,325	22,475	2,505	1,418,714	28,622	8,900,164	3,514,460	522			522		44		
32,873	53,337	200,512		5,253	2,363	177,578	14,473	561,906	389,945	50			45		45		
17,086	28,955	126,251	1,461	9,145	239	288,200	2,313	582,867	292,354	15			15		46		
24,603	25,828	269,325		4,220	9,391	60,918	31,714	549,250	456,618	246	120		128		47		
433,638	402,136	2,172,057	300,272	196,952	55,796	2,488,268	70,481	7,804,340	5,236,591	1,994			71		1,923	5	48
260,670	125,633	1,645,210	308,305	164,997	17,567	1,789,558	66,141	5,537,521	3,681,822	1,526			71		1,455	5	49
172,968	276,503	526,877	51,967	31,955	38,229	698,710	13,340	2,206,819	1,554,769	408			468		50		
462,626	978,168	1,220,283	812,916	56,671	119,994	1,614,761	43,122	8,174,847	6,516,064	1,501			15		1,486		51
365,651	581,480	1,009,350	14,710	36,576	60,317	1,146,168	38,125	4,862,909	3,678,616	1,217			16		1,202		52
96,975	396,688	210,933	798,206	20,095	59,677	468,593	4,997	3,311,938	2,883,348	284					284		53
39,505	12,270	68,655	2,900	9,090	8,274	131,337	4,174	329,467	193,956	113			34		79		54
144,373	46,203	438,505		73,636	188,811	1,107,804	71,018	2,158,800	979,978	2,333	600		1,833		210		55
14,920	18,982	140,346		9,436	7,056	1,810,901	14,778	2,213,014	387,245	302			22		280	5	56
14,920	18,982	137,376		8,736	6,710	1,770,488	14,211	2,161,754	377,055	292			22		270	5	57
978,162	549,277	17,933,201	252,713	63,112	4,865,765	10,348,371	437,184	45,056,034	35,169,970	17,210	305		16,845		59		
544,113	183,068	5,002,663	5,000	127,006	453,333	3,919,075	286,392	12,145,158	7,959,091	5,418	4,135		334		949		60
169,363	250,522	1,881,323	695,909	80,083	3,313	4,247,992	30,457	8,572,981	4,294,532	631	165		20		446	76	61
1,000		15,938	1,760	2,908	37,500	814	65,000	26,686	14			14		14		62	
49,191	80,497	116,365	1,311	24,388	3,561	322,220	2,828	708,809	383,761	87			87		87		63
339,672	383,044	1,628,948	121,600	98,809	218,117	7,051,045	93,477	11									

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.			
		Total.	Proprietors and firm members	Salaried officers, superintendents, and managers	Clerks, etc.		Wage earners.		Number, 15th day of—	16 and over.		Under 16.	
					Male.	Female.	Average number.	Maximum month.		Male.	Female.	Male.	Female.
									Total.				
													Capital.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

1 BROOKLYN BOROUGH—Con.													Dollars.			
2 Slaughtering and meat packing.	21	1,055	25	53	105	29	753	Je	821	No	330	735	721	14	5,119,848	
2 Stamped ware.	26	1,737	12	71	87	54	1,563	Se	1,741	Ap	1,405	1,738	994	730	4,407,408	
3 Statuary and art goods.	7	18	6	4	11	12	10	De	15	Ja	4	16	10	5	58,056	
4 Steam packing.	8	113	4	11	12	13	73	No	88	Au	63	87	79	8	538,618	
5 Stoves, gas and oil.	6	248	27	28	32	161	Se	221	My	122	207	170	28	556,805		
6 Structural ironwork, not made in steel works or rolling mills.	78	1,157	61	88	73	22	913	De	902	My	860	991	981	10	3,413,011	
7 Tobacco, cigars and cigarettes.	408	2,050	433	106	121	148	2,142	No	2,455	Jy	1,811	2,436	1,313	1,113	10	4,258,587
8 Tools, not elsewhere specified.	25	227	20	25	4	5	104	.....	.....	.....	.....	156	150	6	364,333
9 Machinists' tools.	12	142	16	13	2	3	108	Ja	129	Je	87	103	102	1	226,455	
10 All other.	13	85	13	12	2	2	56	Ap	62	Oc	50	53	48	5	138,378	
11 Toys and games.	42	1,038	32	60	17	24	905	Jy	1,008	Ja	674	926	408	426	2	1,195,551
12 Trunks and valises.	13	54	16	8	3	3	24	No	51	Ja	8	55	52	3	122,030	
13 Varnishes.	20	742	6	75	204	80	377	De	420	Ja	300	431	373	48	4,773,507	
14 Wall plaster and composition flooring.	7	58	3	13	5	1	36	Fo	44	No ³	32	28	28	6	258,049	
15 Window and door screens and weather strips.	4	13	3	1	.....	2	7	Jo ³	10	Fe	6	7	7	.....	26,585
16 Window shades and fixtures.	11	242	9	10	20	5	189	De	256	Ap	157	256	175	78	3	498,736
17 Wirework, including wire rope and cable, not elsewhere specified.	25	1,174	22	57	62	29	1,004	Fe	1,084	Au	658	1,037	937	96	4	4,157,088
18 Wood, turned and carved.	20	111	18	7	2	.....	84	No	96	Jo	79	93	93	.....	203,902
19 Wooden goods, not elsewhere specified.	10	41	9	4	1	.....	27	De	30	Mh ³	24	30	30	.....	68,773
20 All other industries*.	650	40,007	407	1,880	4,504	1,781	37,308	39,363	30,070	9,001	137	270,985,062

*All other industries embrace—	Canning and preserving, dried fruits.	1 Cotton small wares.	3 Gas machines and gas and water motors.
Airplanes, seaplanes, and airships, and parts.	Card cutting and designing.	1 Cutlery and edge tools.	5 Gloves and mittens, cloth, not including gloves made in textile mills.
Ammunition.	Cars and general shop construction and repairs by electric-railroad companies.	2 Dairymen's and poultrymen's supplies.	6 Gold and silver, reducing and refining, not from the ore.
Artificial limbs.	Cash registers and calculating machines.	1 Dental goods.	7 Drug grinding.
Artists' materials.	Chewing gum.	2 Dyestuffs and extracts—natural.	14 Electroplating.
Asbestos products, not including steam packing.	Chinc decorating, not including that done in potteries.	4 Emery and other abrasive wheels.	2 Enameling.
Babbitt metal, white metal, and solder.	Chocolate and cocoa products.	2 Engravers' materials.	1 Engines, steam, gas, and water.
Bags, paper, exclusive of those made in paper mills.	Cleansing and polishing preparations.	5 Engraving and diesinking.	1 Envelopes.
Baking powders and yeast.	Clocks.	2 Engraving, steel and copper plate, including plate printing.	1 Felt goods.
Baskets, and rattan and willow ware.	Collar; sponging and refinishing.	1 Clothing, men's, buttonholes.	3 Firearms.
Belting, rubber.	Cloth.	1 Clothing, horse.	2 Fire extinguishers, chemical.
Belting, leather.	Clothing, spongeling and refinishing.	1 Clothing, men's, buttonholes.	3 Flags and banners.
Billiard tables, bowling alleys, and accessories.	Collars and cuffs, men's.	1 Cordage and twine.	7 Flavoring extracts.
Blackings, stains, and dressings.	Combs and hairpins, except those made from metal or rubber.	5 Cordials and flavoring syrups.	2 Flour-mill and gristmill products.
Boat and shoe cut stock.	Corsets.	6 Corsets.	2 Galvanizing.
Boxes, cigar.	Cotton goods.	7 Gas, illuminating and heating.	3 Gas, illuminating and heating.
Boxes, wooden packing, except cigar boxes.	.....	.....	.....
Brooms.	.....	.....	.....
Buttons.	.....	.....	.....
Candles.	.....	.....	.....

1 MANHATTAN BOROUGH—All industries.	22,981	510,647	25,717	24,409	50,467	32,057	386,907	De	412,804	Ja	360,631	428,820	207,046	160,024	886	870	1,808,764,706
2 Artificial flowers.	142	3,371	161	100	160	66	2,884	Ap	3,030	Jo	2,728	3,001	814	2,184	3	4,099,695	
3 Artists' materials.	11	73	8	6	2	7	50	De	60	Mh	43	60	33	27	1	111,938	
4 Automobile bodies and parts.	87	1,722	58	173	93	59	1,339	Se	1,550	No	950	1,548	1,481	66	1	3,257,264	
5 Auto-mobilerepairing.	150	3,190	122	157	300	130	2,481	Oc	2,550	Ja	2,330	2,480	2,478	11	5,869,817		
6 Awnings, tents, and sails.	63	569	55	46	34	31	403	Ja	485	Se	344	412	340	60	3	1,502,597	
7 Babbitt metal and solder.	10	113	7	14	24	17	51	Mh ³	54	Jy	48	54	54	54	1	903,938	
8 Bags, paper, exclusive of those made in paper mills.	7	111	8	8	9	4	82	De	95	So	73	97	36	61	1	225,862	
9 Baskets, and rattan and willow ware.	33	211	39	12	12	5	143	No	157	Mh	128	155	140	7	2	312,509	
10 Belting, leather.	17	378	13	25	51	19	270	Se	285	Ap	257	275	253	22	1	1,545,738	
11 Bookbinding and blank-book making.	318	7,188	320	327	280	210	6,051	De ³	6,207	Ja	5,824	7,221	3,220	3,034	19	9,332,865	
12 Boot and shoe cut stock.	6	20	6	1	1	1	12	De ³	15	Se ³	9	19	18	1	1	43,221	
13 Boots and shoes, not including rubber boots and shoes.	96	2,022	92	136	120	76	2,198	.....	.....	.....	.....	2,434	1,900	523	2	5,296,710
14 Regular factories.	72	2,056	74	105	75	51	1,751	No	1,972	Mh	1,557	1,887	1,587	209	1	3,600,350	
15 Contract work.	3	9	3	.....	.....	.....	6	(4)	6	(4)	6	6	4	1	1	1,940
16 Footwear, other than boots and shoes.	21	557	15	31	45	25	441	No	544	My	385	541	318	228	.....	1,686,411
17 Boxes, cigar.	12	768	12	81	26	6	693	Ap	715	Au	644	710	422	284	2	803,488	
18 Boxes, paper and other, not elsewhere specified.	212	5,802	206	286	189	183	4,998	.....	.....	.....	.....	5,000	2,370	3,181	25	8,155,223
19 Shipping containers, corrugated and fiber.	13	780	6	41	81	27	625	Jy	650	So	501	620	414	203	6	2,132,283	
20 Set-up paper boxes.	182	4,423	180	212	89	139	3,803	No	4,290	So	2,707	4,310	1,552	2,725	15	4,958,900	
21 Cartons.	10	312	11	20	10	8	263	De	282	Se	247	282	173	108	1	500,848	
22 All other.	7	347	9	13	9	9	307	No	407	My	217	388	240	145	3	467,186	
23 Boxes, wooden packing, except cigar boxes.	55	1,035	63	66	61	21	824	No	676	Se	613	900	918	5	37	2,990,780	

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—NEW YORK.

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COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.									POWER.						Electric horsepower generated in establishments reporting.	
Salaries and wages.			Rent and taxes.			For materials.			Primary horsepower.			Owned.			Electric horsepower generated in establishments reporting.	
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Value of products.	Value added by manufacture.	Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water-power. ¹	Rent-ed. ²	
157,643	34,763	97,558	16,439	6,750	37,625	682,807	4,987	218,480	530,826	132	21	111	111	4	1	
82,829	41,400	138,496	400	15,769	32,992	401,264	5,256	1,015,408	608,888	68	68	68	68	5	2	
223,929	110,391	1,185,832	66,556	52,795	39,074	2,036,601	57,119	4,826,073	2,732,260	1,497	210	133	1,154	6	3	
235,538	573,320	1,489,364	2,672	96,320	13,077,662	13,767,548	50,528	35,761,932	21,943,860	649	50	599	599	7	1	
72,145	13,388	188,616	18,509	18,653	1,411	102,056	8,287	634,653	424,330	174	7	18	149	8	2	
52,499	8,337	146,989	150	12,380	959	39,402	3,656	344,723	301,665	114	114	114	114	9	3	
19,046	5,051	41,657	18,419	6,273	452	62,651	4,611	189,930	122,665	60	7	35	35	10	4	
165,193	54,292	702,802	21,916	136,371	12,231	1,160,380	29,445	2,740,097	1,550,176	379	50	329	329	11	5	
6,180	3,148	38,581	990	5,014	300	135,270	631	225,749	89,848	12	12	12	12	12	6	
460,233	608,644	383,010	350	18,460	157,533	4,224,131	40,050	6,837,777	2,567,596	782	335	447	447	20	7	
38,603	6,453	49,013	371	5,335	1,066	104,894	2,386	290,068	182,988	169	60	49	49	14	8	
2,000	1,800	11,164	930	246	246	24,326	330	53,136	28,500	8	8	8	8	15	9	
66,735	22,417	151,707	8,701	64,202	422,803	12,415	929,105	493,887	265	265	265	265	16	10	1	
301,288	169,878	1,195,585	7,050	59,470	126,074	2,683,664	100,574	5,554,348	2,770,110	2,893	1,150	49	1,694	17	11	
17,522	5,555	113,699	11,311	332	132,641	2,771	319,791	184,379	278	155	13	110	110	18	12	
8,000	50	31,511	4,630	387	62,913	1,235	127,812	63,664	77	77	13	64	64	19	13	
8,010,411	9,179,076	41,700,795	503,884	1,305,028	8,389,090	248,760,711	13,660,859	368,835,809	100,405,239	102,540	47,038	10,421	1,520	5	43,561	20

Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills.	Mucilage, paste, and other adhesives, not elsewhere specified.	Pumps, steam.	4	Sulphuric, nitric, and mixed acids..	1
Iron and steel, welding.	Musical instruments, pianos.	Refrigerators.	3	Surgical appliances.	18
Iron and steel, wrought pipe.	Musical instruments, piano materials.	Regalia, and society badges and emblems.	1	Suspenders, garters, and elastic woven goods.	1
Ivory, shell, and bone work, not including combs and hairpins.	Needles, pins, and hooks and eyes..	Roofing materials.	3	Tin foil, and other foils, not elsewhere specified.	11
Japaning.	Oil, essential.	Rules, ivory and wood.	1	Textile machinery and parts.	4
Jute goods.	Optical goods.	Saddlery and harness.	12	Tobacco, smoking.	4
Labels and tags.	Ordnance and accessories.	Sand and emery paper and cloth.	1	Type founding.	2
Lapidary work.	Paper and wood pulp.	Saws.	1	Typewriters and supplies.	3
Lasts.	Paper patterns.	Scales and balances.	2	Umbrellas and canes.	11
Lead, bar, pipe, and sheet.	Paving materials.	Screws, machine.	1	Vault lights and ventilators.	1
Liquors, distilled, grain alcohol.	Petroleum, refining.	Silversmithing and silverware.	1	Vinegar.	1
Liquors, vinous.	Photographs and graphophones.	Smelting and refining, not from the ore	7	Wall paper, not made in paper mills.	3
Lubricating greases.	Photographic apparatus, motion-picture machines.	Soap.	9	Washing machines and clothes wringers.	1
Lumber and timber products.	Photographic materials.	Soda-water apparatus.	2	Wrapping paper.	2
Machine tools.	Plumbers' supplies, not elsewhere specified.	Sporting and athletic goods.	10	Wire.	1
Malt.	Poultry, killing and dressing, not done in slaughtering and meat-packing establishments.	Springts, steel, car and carriage, not made in steel works or rolling mills.	5	Wire.	1
Mats and matting, from coco fiber, grass, and coir.	Printing materials.	Stationery goods, not elsewhere specified.	6	Wool shoddy.	2
Minerals and earths, ground or otherwise treated.	Pulp goods.	Steam fittings and steam and hot-water heating apparatus.	5	Worsted goods.	1
Mirrors, framed and unframed, not elsewhere specified.	12	Stoves and ranges.	1		
		Sugar, refining, not including beet sugar.	2		

100,534,386	120,658,083	502,042,139	182,217,168	45,624,207	68,864,920	1,864,050,347	19,414,995	3,525,574,539	1,842,103,197	271,501	102,410	2,693	6,577	121	150,751	34,540	1
136,404	390,895	2,918,270	657,650	246,238	27,718	5,238,151	18,730	11,958,309	6,701,428	146				146		2	
23,990	9,218	45,801	3,500	12,851	527	146,593	1,490	337,667	189,284	25			1	24		3	
515,913	283,827	1,695,386	70,323	276,562	41,545	2,003,580	47,171	5,705,650	3,564,890	1,254	94	36	1,124	3	4		
436,189	510,504	3,188,781	79,337	654,176	84,747	5,049,006	102,047	11,113,222	5,992,168	1,385	79	1,306		5		5	
246,396	94,913	544,803	4,905	84,066	16,017	2,571,987	9,406	4,174,742	1,583,239	203			203		6		
67,616	66,845	65,939	11,052	58,909	1,632,022	10,193	1,978,284	337,060	15				15		7		
81,997	25,114	58,078	13,334	4,973	220,939	4,371	522,967	207,057	65				65		8		
80,100	19,920	144,880	7,654	18,126	1,082	224,040	1,946	561,684	335,668	56			56		9		
131,729	197,087	805,251	61,038	32,079	2,773,610	26,763	4,219,463	1,410,081	1,125	930	15		180	57	10		
1,282,478	652,934	6,240,319	114,047	681,624	173,392	6,110,292	135,667	19,198,809	12,982,850	3,141	50	75	3,016	11			
1,1920	630	14,770	3,382	952	89,557	424	131,877	41,896	10			10		12			
640,184	389,932	3,044,917	41,312	191,547	88,521	6,557,355	40,131	12,551,370	5,923,884	704	15	25	664		13		
344,550	228,000	2,509,656	30,001	139,188	20,858	4,728,388	31,969	9,227,557	4,467,200	807	15		592		14		
56,702	34,100	7,048	850	936	1,950	445	16,200	13,805	7			7		15			
295,634	161,932	528,213	9,581	51,425	67,663	1,857,017	7,717	3,307,613	1,442,879	90			25		65		
140,552	58,213	620,408	4,695	45,812	33,754	823,135	17,987	2,048,250	1,207,148	777	540		237		17		
1,112,465	549,967	4,830,500	47,467	597,760	232,497	7,895,960	10,720	19,350,679	11,318,999	2,446	550	158	1,738		18		
234,991	205,977	552,308	4,884	85,476	160,280	1,872,831	31,931	3,911,368	2,006,606	355	60	6	289		19		
764,270	284,253	3,050,772	12,082	439,941	53,897	5,039,448	79,776	13,211,387	8,092,103	1,188	40	86	1,082		20		
56,702	34,100	310,752	30,501	41,770	6,059	554,265	10,741	1,233,874	668,868	183	66	117		21			
58,502	25,637	307,047	30,573	12,261	429,416	13,272	994,050	551,362	720	450	218	270		22			
267,303	99,570	932,524	10,358	179,793	59,599	2,033,778	41,664	5,626,075	2,650,633	2,606	1,470	918	918	591	23		

³ Same number reported for one or more other months.

⁴ Same number reported throughout the year.

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Propri- etors and firm mem bers.	Salaried offi- cers, super- intendents, and managers.		Clerks, etc.		Wage earners.		Total.	16 and over.		Under 16.		
				Male.	Female.	Aver- age num- ber.		Number, 15th day of—	Male.		Male.	Female.	Male.	Female.	
								Maximum month.	Minimum month.						

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

1	MANHATTAN BOROUGH—Con.														Dollars.			
2	Brass, bronze, and copper products.	74	2,012	60	103	103	51	1,605	No	1,852	Ja	1,537	1,818	1,721	92	5	4,298,578	
3	Bread and other bakery products.	976	16,188	1,063	534	910	469	13,212	No	7,064	My	6,081	13,836	9,774	4,050	2	1	46,880,102
4	Biscuit and crackers.	17	7,333	9	221	152	81	6,870	No	7,064	My	6,081	6,969	3,634	3,335			29,379,684
5	All other.	859	8,855	1,054	313	758	388	6,342	Do	6,730	Je	6,127	6,867	6,140	724	2	1	17,509,418
6	Brooms.	11	51	12	2	3	4	30	Oc	43	Mh	9	48	47	1			90,467
7	Brushes.	61	887	57	56	58	30	677					756	480	273	2	2	2,087,711
8	Toilet paint and varnish.	10	158	7	16	10	4	121	Ja	141	My	108	128	56	72			210,581
9	All other.	9	243	8	10	20	10	195	Ja	217	Je	178	200	142	63	2	2	977,528
10	Buttons.	42	486	42	30	28	25	361	No	421	My	316	419	282	137			899,602
11	Candles.	200	2,680	239	121	66	60	2,185	Au	2,408	Ja	1,922	2,263	1,407	758	2	6	3,315,867
12	Carriages and wagons, including road pairs.	62	279	80	8	7	1	183	No	12	Ap	6	10	10				102,088
13	Carriages and wagons.	14	122	18	6	5	1	92	Ap	106	No	60	92	91	1			405,659
14	Repair work only.	48	157	62	2	2		91	Je	95	No	85	91	90				310,162
15	China decorating, not including that done in potteries.	4	30	5				25	De	32	Fe	19	32	25	7			26,172
16	Cleansing and polishing preparations.	23	200	16	19	84	35	115					142	61	81			710,872
17	Cleansing preparations.	18	255	13	17	80	33	112	Oc	146	Jy	56	130	59	80			679,861
18	Polishing preparations.	5	14	3	2	4	2	3	(*)	3	(*)	3	3	2	1			31,021
19	Clothing, men's.	1,747	44,222	2,693	1,108	3,756	1,510	35,155					42,615	31,058	10,912	8	7	175,811,922
20	Regular factories.	1,100	32,267	1,034	1,050	3,707	1,463	24,413					20,152	21,389	7,751	6	6	172,318,694
21	Men's and youths'.	677	23,214	1,021	722	2,803	1,032	17,636	De	21,027	Ja	13,601	21,356	16,115	5,237			131,653,129
22	Boys'.	277	6,672	431	220	708	320	4,993	De	5,700	Ja	3,082	5,672	3,709	1,895	2	6	32,853,302
23	All other.	146	2,381	182	108	106	111	1,784	Oc	2,111	Fo	1,471	2,124	1,505	619			7,812,263
24	Contract work.	647	11,955	1,059	58	49	47	10,742					13,403	10,209	3,161	2	1	3,403,228
25	Men's and youths'.	507	9,344	836	44	38	32	8,394	De	9,901	Ja	5,309	10,482	8,244	2,236			2,761,057
26	Boys'.	114	2,341	181	11	2	8	2,139	De	2,678	Ja	1,422	2,754	1,865	888			464,011
27	All other.	26	270	42	3	9	7	209	No	253	Fe	163	227	190	37			267,500
28	Clothing, men's, buttonholes.	32	216	37	9	5		165	No	181	Ja	126	176	153	23			112,197
29	Clothing, women's.	4,425	109,641	6,279	4,263	6,850	4,771	87,478					98,174	43,028	54,828	84	230	241,524,406
30	Regular factories.	3,027	92,231	4,105	3,765	6,606	4,623	73,322	Se	20,750	My	18,751	79,446	32,795	46,342	71	238	232,806,153
31	Suits, skirts, and cloaks.	1,059	31,819	1,557	1,202	2,530	1,642	24,888	Se	20,750	My	18,751	28,340	22,179	6,100	47	14	91,066,182
32	Shirt waists and dresses, except house dresses.	1,107	35,501	1,376	1,671	2,170	2,005	28,069	Se	31,515	Fe	24,607	29,960	6,682	23,063	21	194	80,470,011
33	Undergarmets and petticoats.	377	11,835	408	449	824	465	6,609	No	10,772	Mh	7,013	10,433	1,214	9,200	3	16	27,088,012
34	Wrappers and housedresses.	74	2,343	126	68	165	115	1,009	No	2,022	Au	1,811	2,035	400	1,633			8,442,846
35	All other.	410	10,303	548	375	317	306	8,067	Oc	8,756	My	7,547	8,678	2,320	6,346	12		25,239,602
36	Contract work.	1,308	17,410	2,174	498	244	148	14,346					18,728	10,228	8,480	13	1	9,218,253
37	Suits, skirts, and cloaks.	701	7,900	1,128	190	142	60	6,464	Se	8,747	Ja	2,943	8,972	6,010	2,054			4,501,793
38	Shirt waists and dresses, except house dresses.	615	8,378	921	204	100	84	6,076	Se	8,747	Ja	5,500	8,627	2,751	6,875			4,301,875
39	Undergarmets and petticoats.	10	95	16				79	De	107	Ja	46	108	7	101			31,779
40	Wrappers and housedresses.	3	8	3				5	De	7	Au	4	7					2,603
41	All other.	69	939	106	8	2	4	819	Se	974	Ja	662	1,014	560	449	4	1	280,403
42	Coffee and spice, roasting and grinding.	67	1,231	41	69	302	87	612	De	621	Au	601	627	443	183			7,985,090
43	Coffins, burial cases, and undertakers' goods.	11	503	10	21	61	14	457	My	477	De	434	447	271	170			1,873,830
44	Confectionery and ice cream.	188	9,054	202	340	667	615	7,830					8,335	3,780	4,526	10	19	31,701,014
45	Confectionery.	101	8,755	99	300	596	874	6,886	De	7,641	Ja	6,048	7,429	2,970	4,432	9	19	27,933,702
46	Ice cream.	87	1,199	103	40	71	41	944	Jy	1,120	Ja	774	906	810	94	2		3,857,222
47	Coporage.	17	93	17	6	2	1	67					71	71				150,971
48	Hogsheads and barrels.	11	64	12	3	2	1	46	De	50	Fe	37	50	50				132,018
49	All other.	6	29	5	3			21	(*)	21	(*)	21	21	21				18,053
50	Copper, tin, and sheet-iron work.	181	1,833	155	161	163	71	1,283	De	1,306	Oc	1,223	1,388	1,377	8	3		3,204,557
51	Cordials and flavoring sirups.	23	255	18	36	70	21	110	Au	127	Fe	91	113	100	13			1,043,714
52	Corsets.	51	3,209	35	105	225	337	2,607					3,260	907	2,238	21	24	4,231,472
53	Corsets.	31	2,834	20	79	200	327	2,208	De	2,463	Ja	1,036	2,877	987	1,898	21	24	3,663,445
54	Brasseries.	20	375	15	26	25	10	209	De	384	My	242	373	30	343			568,027
55	Cotton small wares.	6	167	4	4	7	8	144	Oc*	148	My	135	140	82	64			363,959
56	Cutlery and edge tools.	19	701	14	24	81	35	547	De	655	Au	8-8	656	462	104			2,072,598
57	Dental goods.	60	988	57	42	171	84	614	De	668	Ja	577	668	543	110	6		3,009,973
58	Druggists' preparations.	44	784	17	78	140	80	469	De	493	Jy	458	498	198	276	8	16	2,341,012
59	Dyeing and finishing textiles, exclusive of that done in textile mills.	86	2,222	82	137	344	146	1,513	De	1,685	Fe	1,761	1,751	769	978	2	2	10,732,886
60	Electrical machinery, apparatus, and supplies.	124	7,834	61	369	2,202	826	4,286	De	4,651	Fe	4,084	4,740	3,024	1,072	30	5	17,555,299
61	Electroplating.	81	607	96	28	13	24	446	De	485	Fe	404	494	478	14	2		543,749
62	Engraving and dissinking.	153	498	175	15	19	11	276	De	295	Ja	254	300	290	6	3	1	306,838
63	Engraving, steel and copper plate, including plate printing.	87	1,027	83	58	61	34	791	De	800	No	661	861	670	170	9	4	1,771,854
64	Engraving, wood.	11	54	13	4	4	2	31	De	35	Jy	27	35	33	2			36,214
65	Fancy articles, not elsewhere specified.	250	5,734	259	246	380	250	4,599					4,026	2,060	2,806	14	16	11,276,587
66	Boadwork.																	

MANUFACTURES—NEW YORK.

1079

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.										POWER.									
Salaries and wages.			Rent and taxes.			For materials.				Value of products.	Value added by manufacturer.	Primary horsepower.				Electric horse-power generated in establishments reporting.			
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹	Rent-ed. ²						
1,307,058	210,106	228,130	148,693	1,180,557	54,047,243	39,758	3,064,137	127,654	6,627,711	3,435,920	1,638	588	78	972	10	1			
369,642	293,672	6,177,005		57,852	823,263	19,741,943	288,287	46,203,638	49,376,364	11,770	4,324	100	90	7,262	2,122	2			
937,416	1,812,556	9,874,125	148,693	1,122,705	407,293	34,305,300	973,930	58,481,829	23,202,936	5,946	1,190	90	4,666	2,590	1,322	3			
1,375	4,492	48,731		4,747	3	115,473	1,493	194,264	77,298	35				4,666	800	4			
218,650	116,308	666,418	12,055	88,042	22,398	2,028,798	10,849	4,703,780	2,655,133	251				35	55	5			
61,440	26,360	107,825	4,889	16,613	9,621	340,888	6,311	632,058	284,859	31				226	6				
75,821	33,984	206,521		8,472	638,668	5,398	1,276,616	632,250	1,276,616	74				31	7				
81,389	55,964	352,072	7,206	45,287	4,305	1,048,942	8,140	2,795,108	1,738,024	146				74	8				
324,770	173,880	2,241,815	51,107	212,131	34,810	2,709,558	6,459	6,915,109	4,144,602	1,341	150	29	1,162	121	10				
3,125	1,092	7,037		2,785	533	38,981	653	77,248	37,614	3				3	11				
15,048	12,078	251,108	2,544	49,792	8,875	272,751	12,931	778,255	492,573	469	110	51	308	124	12				
12,068	9,166	118,265	2,513	12,326	6,411	125,745	4,076	335,415	204,694	246	110	45	91	124	13				
2,080	2,012	132,843	31	37,466	2,464	147,096	7,955	442,840	287,879	223		6	217	14					
		39,460		4,703			871	86,498	89,207	3		3	15						
91,175	315,041	68,686	1,019	25,533	49,438	593,144	4,177	1,635,379	1,038,058	137				137	16				
87,335	310,988	66,318	1,019	23,377	49,189	572,613	4,067	1,594,442	1,017,762	136				136	17				
3,840	4,053	2,368		1,556	249	20,531	110	40,937	20,296	1				1	18				
6,235,448	10,086,872	52,823,617	73,748,836	3,590,692	2,277,389	233,440,117	464,102	443,302,057	209,458,738	5,814	516	292	5,006	185	19				
6,087,749	9,964,720	35,884,933	78,802,930	3,100,839	2,270,549	230,278,713	297,852	416,750,712	180,174,147	5,005	504	42	3,459	185	20				
4,687,558	7,436,593	26,386,385	58,114,404	2,139,526	2,011,586	173,143,177	202,195	316,718,266	143,372,894	2,881	504	7	2,370	185	21				
961,523	1,917,377	6,917,209	13,279,759	677,246	174,649	44,577,628	64,927	79,208,102	34,565,547	742				10	12				
438,668	610,750	2,581,342	1,408,767	294,068	90,314	12,557,908	30,730	20,824,344	8,235,706	382				25	23				
147,699	122,152	16,928,684	945,906	479,853	790	3,161,404	166,250	26,612,245	23,284,591	1,809	12	250	1,547	24					
117,499	101,434	13,664,422	871,157	377,069	642	2,633,159	129,054	21,715,274	18,953,061	1,279	6	143	1,300	25					
24,200	8,734	2,990,677	93,253	70	322,863	33,324	4,208,038	3,851,851	499	6	107	61		27					
49,680	6,660	229,403	10,017	9,591	78	205,382	3,872	683,833	479,679	61			52	28					
		283,565		10,017	68	42,357	3,416	496,992	451,219	64	12			3					
15,814,518	20,558,158	123,882,351	45,380,497	9,890,313	2,121,792	465,740,302	1,816,511	834,787,476	367,730,603	13,553				82	24				
14,870,164	102,400,527	102,404,487	44,384,681	8,589,253	2,111,928	456,846,452	1,085,416	789,826,101	331,894,233	10,516				50	24				
5,070,734	8,454,079	40,044,663	17,210,132	3,404,371	910,443	206,669,493	449,326	367,378,403	160,259,584	3,669				3,669	31				
6,457,098	7,222,908	36,784,410	20,444,666	3,101,438	866,758	155,086,665	374,681	265,678,182	110,236,836	3,834				20	3,814	24	32		
1,672,695	2,328,832	8,908,287	1,700,021	925,517	166,866	48,450,311	127,143	75,064,331	20,486,877	1,517				1,517	33				
268,625	548,618	2,033,066	1,150,990	275,864	34,499	12,658,225	22,695	20,288,245	7,607,325	242				228	34				
1,400,402	1,646,090	8,635,441	3,770,972	882,063	124,562	34,001,758	111,571	61,416,940	27,303,611	1,254				1,238	35				
944,304	357,631	21,475,384	995,816	1,301,000	8,834	8,893,910	231,095	44,961,375	35,836,370	3,047				3,015	36				
308,436	203,929	10,787,102	405,574	606,810	3,692	4,682,442	109,179	22,405,664	17,614,043	1,455				1,455	37				
527,848	148,062	9,554,113	540,703	642,575	5,913	3,970,792	104,896	20,708,498	16,632,810	1,368				1,368	38				
		64,518		4,278		8,105	1,845	97,833	87,323	25				25	39				
		2,502	1,285	996		197	156	8,450	8,097	3				3	40				
18,080	4,740	1,067,539	39,264	46,018	269	232,314	15,019	1,741,430	1,494,097	198		32	166	41					
360,092	633,764	683,374	18,173	152,472	60,418	20,124,303	111,217	23,921,539	3,680,019	2,250	530		1,720	42					
81,970	135,814	421,323	782	54,042	71,260	1,190,310	15,222	2,292,061	1,086,529	425	48	25	352	43					
		4,278				1,845		97,833	87,323	25									
1,470,447	1,818,298	7,127,200	1,944	602,077	2,781,401	28,815,271	59,401	53,578,324	24,173,652	16,785	12,441	15	802	3,527	7,545	44			
1,348,853	1,672,716	5,920,850	1,444	241,847	2,401,847	24,154,991	408,074	44,983,329	20,360,264	10,563	8,266	15	85	2,497	6,707	45			
130,594	145,582	1,200,410	500	128,681	370,554	4,680,280	121,327	5,504,995	3,813,388	5,922	4,175	717	1,030	748					
12,807	2,454	101,586		18,804	294	123,702	1,025	330,571	205,844	58	50			8	47				
9,167	2,454	71,525		10,094	249	69,508	506	217,286	147,122	50	50			48	49				
3,640	30,061	5,167	15	5,167	54,134	429	113,285	55,722	8					8					
569,319	300,564	1,817,158	98,235	201,168	145,846	8,815,158	57,571	8,367,488	4,494,750	796				58	738	50			
143,315	117,493	131,046		36,107	37,590	2,935,046	7,662	3,940,890	998,182	60				60	51				
436,208	666,738	1,974,639	4,690	254,470	176,912	5,737,925	32,022	11,080,713	5,316,766	478				478	52				
350,551	629,675	1,743,905	3,237	222,403	169,232	4,726,953	28,420	9,426,049	4,070,676	429				429	53				
70,657	37,163	230,734	1,493	32,007	7,680	1,010,972	6,208	6,677,446	247,677	105				105	55				
19,450	13,800	137,055	7,000	6,654	3,479	383,561	6,208	4,456,761	2,767,998	428				38	56				
134,035	110,065	535,958		39,077	257,151	1,631,632	57,131	4,456,761	2,767,998	428				390	57				
160,599	152,783	601,268	980	58,637	25,938	4,862,508	19,392	6,417,051	1,538,151	557	150			407	58				
355,771	370,901	389,648	36,310	89,743	100,875	2,171,263	12,013	4,910,520	2,727,253	368	100			268	58				
562,248	680,038	1,290,882	236,842	245,933	461,445	12,766,417	106,551	18,723,175	5,860,207	1,410	100	157	1,153	157	59				
1,421,399	4,650,027	4,456,751	58,097</																

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Proprietors and firm members	Salaried officers, superintendents, and managers	Clerks, etc.		Wage earners.		Total.	10 and over.		Under 16.			
					Male.	Female.	Average number.	Number, 15th day of—		Male.	Female.	Male.	Female.		
								Maximum month.							

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

1	MANHATTAN BOROUGH—Con. Food preparations, not elsewhere specified.	115	1,110	128	88	173	48	673	722	553	167	2	Dollars. 5,835,797				
2	Breadstuff preparations, macaroni, vermicelli, and noodles.	65	398	80	25	60	13	220	Oc	250	Ap	201	1,631,332				
3	Meat products, nor elsewhere specified.	8	167	8	13	49	4	93	Au ³	105	No	72	351,260				
4	All other.	42	545	40	50	64	31	360	Au	377	Fe	345	3,953,155				
5	Foundry and machine-shop products	344	8,034	244	532	425	319	6,514	7,242	6,026	284	27	18,836,270				
6	Boiler shops.	6	277	2	24	7	5	239	Au	203	Fe	217	554,183				
7	Machine shops.	331	7,632	237	500	412	313	6,170	De	6,883	Fe	5,683	18,052,865				
8	Foundries and machine shop and foundry combined.	7	125	5	8	6	1	105	Jy	113	Oc	95	229,232				
9	Fur goods.	1,068	11,701	1,780	378	1,165	574	7,804	Oc	9,052	Ja	5,205	8,859,319				
10	Furnishing goods, men's.	207	6,202	257	215	557	312	4,861	5,256	1,730	3,495	0	10,731,633				
11	Neckwear.	178	4,800	229	177	514	254	3,032	No	3,865	My	3,425	15,824,184				
12	All other.	29	1,300	28	38	43	58	1,220	No	1,427	Ap	1,181	3,907,449				
13	Furniture.	312	5,231	335	309	316	171	4,100	De	6,077	4,439	227	11,352,817				
14	Wood furniture, other than rattan and willow.	216	3,968	234	221	265	127	3,118	De	3,628	Fe	2,830	9,173,550				
15	Rattan and willow furniture.	11	267	7	15	7	7	231	Au	246	Ja	212	224	208	16	204,534	
16	Metal furniture.	11	148	16	13	5	2	112	De	117	Ap	102	117	117	108,868		
17	Store and office fixtures.	74	848	78	57	39	35	639	Oc ³	713	Fe	533	647	623	24	1,775,945	
18	Furs, dressed.	22	567	22	28	25	9	483	No	659	Ja	181	584	447	137	1,409,372	
19	Gas and electric fixtures.	63	2,429	46	148	256	80	1,896	De	322	Ja	208	2,114	1,875	239	5,701,024	
20	Gas fixtures.	11	207	12	15	9	8	253	De	322	Ja	208	292	181	111	467,510	
21	Electric fixtures.	42	1,860	30	110	221	57	1,442	De	1,502	Se	1,300	1,574	1,455	239	4,709,528	
22	All other.	10	269	4	23	26	15	201	De	236	Oc	163	245	209	9	463,938	
23	Glass, cutting, staining, and ornamenting.	64	843	50	53	59	38	634	No	688	Se	577	685	591	93	1,386,384	
24	Gloves and mittens, leather.	34	559	30	23	41	15	441	De	478	Ap	316	478	243	235	1,192,741	
25	Hair work.	80	780	92	36	56	69	533	No	557	Ja	491	547	183	359	2,525,400	
26	Hardware.	36	667	22	59	33	30	523	De	540	506	33	503	33	1	2,136,453	
27	Locks.	5	134	2	12	3	9	108	De	147	Ja	72	114	95	19	369,520	
28	Builders' hardware.	7	81	6	7	3	2	63	Ja	73	Se	63	60	60	0	308,724	
29	All other.	24	452	14	40	27	10	352	Jy	373	Ja	320	366	351	14	1,518,209	
30	Hat and cap materials.	79	1,110	85	75	48	46	850	Oc	955	Ja	674	923	580	333	6,383,545	
31	Hats and caps, other than felt, straw, and wool.	291	3,748	392	180	151	98	2,927	De	3,358	Jy	2,220	3,428	2,805	591	1,184,707	
32	House-furnishing goods, not elsewhere specified.	139	1,788	100	90	172	91	1,266	De	1,453	Se	1,008	1,453	350	1	5,509,917	
33	Comforts and quilts.	28	293	31	15	17	8	222	De	284	My ³	177	284	80	201	3	1,025,074
34	All other.	111	1,495	138	75	155	83	1,044	De	1,161	Ja	922	1,169	270	897	1	4,484,843
35	Ice, manufactured.	16	618	2	21	19	3	573	Jy	627	Ja	502	503	503	—	6,405,915	
36	Ink, printing.	20	487	19	47	60	51	271	De	301	Mh ³	257	300	297	3	3,033,229	
37	Instruments, professional and scientific.	43	1,000	31	61	124	107	677	De	700	Ja	630	65	65	5	2,248,756	
38	Medical and surgical.	17	413	12	25	60	63	244	Ja	267	So	225	240	225	23	1,207,468	
39	All other.	26	587	19	36	55	44	433	De	452	Ap	309	457	411	42	1,041,288	
40	Iron and steel, doors and shutters.	8	144	5	13	7	4	115	No	141	Mh ³	99	135	135	—	217,817	
41	Iron and steel, welding.	7	63	1	10	11	3	68	No	85	Fe	53	76	74	2	161,341	
42	Jewelry.	632	6,816	841	380	587	615	4,413	Au	5,180	Oc	2,934	4,985	4,312	23	34,070,103	
43	Jewelry and instrument cases.	63	875	65	49	40	35	686	Ja	716	Ja	637	717	421	294	1,277,898	
44	Knit goods.	115	2,182	133	85	152	109	1,703	Do ³	1,985	Mh	1,388	2,012	774	1,230	6,466,012	
45	Labels and tags.	33	1,220	20	57	81	80	970	De	1,004	Ja	935	1,004	734	208	2,775,619	
46	Lamps and collectors.	32	757	26	37	38	26	630	De	756	My	569	754	603	91	2,401,466	
47	Leather goods, not elsewhere specified.	184	4,495	205	208	278	147	3,057	No	4,163	Ja	3,155	4,116	3,033	1,066	18,648,039	
48	Leather, tanned, curried, and finished.	7	49	4	9	3	2	31	Ja	36	Se ³	25	35	33	2	395,296	
49	Liquors, malt.	17	2,912	1	107	303	22	2,474	Jy	2,043	Mh	2,205	2,370	2,371	5	59,406,206	
50	Lithographing.	98	4,577	58	310	394	230	3,576	De	3,055	Fe	3,337	3,946	3,285	672	4,127,470,290	
51	Looking-glass and picture frames.	70	1,030	67	54	63	43	803	De	886	Au	672	622	809	52	1,574,888	
52	Lumber, planing-mill products, not including planing mills connected with sawmills.	84	1,321	60	67	67	23	1,074	De	1,272	Ja	873	1,255	1,253	1	2,820,304	
53	Marble and stone work.	49	577	53	39	16	9	400	De	571	570	1	—	—	—	6,442,211	
54	Monuments and tombstones.	18	255	16	13	10	3	213	No ³	232	Fe ³	194	225	224	1	4,725,225	
55	All other.	31	322	37	26	6	6	247	No	356	Ja	126	346	346	—	1,716,986	
56	Mattresses and spring beds, not elsewhere specified.	89	895	103	44	82	27	634	No	669	Jy	585	672	574	68	2,201,042	
57	Millinery and lace goods, not elsewhere specified.	1,508	30,408	1,903	1,398	1,758	1,289	24,080	De	25,886	7,220	13,408	79	175	46,070,741		
58	Embroideries.	492	7,224	667	235	286	209	5,767	De	6,232	Ja	5,406	6,313	1,352	4,902	12,477,082	
59	Trimmed hats and hat frames.	527	14,132	578	728	817	619	11,390	Au	12,983	Oc	8,551	12,303	4,167	8,084	51,61	
60	Dress and cloak trimmings, braids, fringes.	123	1,358	144	70	118	56	964	De	1,107	Ja	851	1,426	443	670	2,031,810	
61	Women's neckwear.	105	3,249	107	157	279	103	2,513	Mh	2,686	Do	2,331	2,422	272	2,100	37	
62	All other.	321	4,446	407	202	258	152	3,426	Jy	3,480	Fo	3,270	3,002	902	2,641	11,18	
63	Mineral and soda waters.	69	823	62	69	84	27	551	De	621	Ja	461	465	463	2	7,479,599	
64	Mineral and carbonated waters.	66	740	61	59	75	23	522	Je	621	Ja	461	465	463	2	2,672,152	
65	All other.	3	83	1	10	9	4	59	Se	84	De ³	41	62	30	32	315,813	
66	Mirrors, framed and unframed, not elsewhere specified.	36	694	40	29	53	30	537	De	627	Ja	465	626	598	27	2,148,007	
67	Models and patterns, not including paper patterns.	72	995	81	56	63	36	759	Fe	857	Se	678	753	696	55	1,604,041	

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—NEW YORK.

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COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.												POWER.											
Salaries and wages.				Rent and taxes.				For materials.				Primary horsepower.											
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Value of products.	Value added by manufacture.	Total.	Steam en- gines (not tur- bines).	Steam tur- bines.	Internal com- bus- tion en- gines.	Wat- er- pow- er. ¹	Rent- ed. ²	Electric horse- power gen- erated in estab- lish- ments report- ing.							

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Dollars. 389,582	Dollars. 279,687	Dollars. 798,875	Dollars. 1,475	Dollars. 204,124	Dollars. 106,477	Dollars. 7,994,771	Dollars. 153,437	Dollars. 12,339,686	Dollars. 4,191,478	2,241	720	406	1,115	338	1
47,842	91,491	240,281	-----	102,732	10,120	1,953,983	40,576	3,065,028	1,070,469	1,121	10	406	705	-----	2
51,847	50,358	99,570	-----	18,557	20,528	1,446,612	14,362	1,950,261	489,287	151	-----	-----	151	-----	3
289,893	137,838	459,074	1,475	82,835	75,829	4,504,176	98,499	7,324,307	2,631,722	969	710	259	338	4	
1,068,921	880,318	8,439,946	133,061	543,911	388,682	8,608,385	269,418	27,576,177	18,703,374	6,102	2,682	528	2,892	1,530	5
81,603	21,381	337,361	-----	11,400	8,725	457,384	19,082	1,119,315	642,249	250	200	5	54	6	
1,842,384	848,737	7,958,702	131,534	513,911	350,431	7,999,744	231,008	25,947,700	17,716,948	5,677	2,407	523	2,747	1,530	7
44,934	9,750	143,703	1,517	18,600	29,526	146,257	18,728	509,182	344,177	106	75	91	91	8	
2,022,607	3,192,521	16,929,971	1,232,346	1,620,650	1,723,348	70,173,673	122,211	126,669,590	47,873,706	1,855	-----	1,855	-----	9	
1,138,267	2,190,628	5,079,632	1,188,107	444,617	196,964	30,230,714	54,757	48,188,859	17,897,388	502	100	15	477	95	10
1,009,546	2,029,116	4,044,039	654,421	354,682	191,379	25,195,201	39,540	39,279,330	14,044,490	363	-----	363	-----	11	
128,721	161,512	1,035,593	533,036	89,965	5,585	5,041,423	15,217	8,909,529	3,852,889	229	100	15	114	95	12
992,388	636,460	5,707,368	217,004	676,161	122,695	10,676,116	135,186	23,417,337	12,606,035	4,289	1,003	126	3,160	254	13
760,620	519,473	4,366,584	142,974	540,154	96,861	8,396,446	103,422	18,271,717	9,771,849	8,000	678	95	2,317	-----	14
55,080	16,393	233,267	-----	20,635	11,130	374,022	3,174	917,903	540,797	93	-----	93	-----	15	
21,674	4,678	149,834	8	19,089	639	216,671	6,629	498,280	274,930	146	-----	146	-----	16	
154,114	98,016	957,083	74,622	87,283	14,056	1,688,977	21,961	8,729,397	2,018,459	960	325	31	604	254	17
167,560	58,478	611,329	-----	60,298	39,062	2,080,667	13,965	3,903,415	1,799,783	399	160	239	-----	18	
578,119	455,869	2,199,044	18,998	221,057	52,215	1,176,077	71,350	7,480,612	4,233,185	1,426	331	65	980	10	19
44,650	21,463	220,720	1,143	17,525	5,498	571,575	1,022,920	9,647	441,707	130	-----	130	-----	20	
70,531	43,687	287,263	-----	30,889	1,485	419,705	11,069	5,682,412	3,426,291	1,100	281	45	774	21	
161,049	126,980	785,320	7,279	92,797	90,490	1,058,204	21,443	2,977,899	1,898,252	168	6	162	-----	23	
71,395	73,378	420,012	135,037	40,751	2,410	1,108,579	3,507	2,809,762	1,257,676	52	-----	1	51	24	
101,602	167,888	645,817	108,670	104,069	14,217	2,753,441	5,748	4,896,209	2,137,020	22	-----	22	-----	25	
180,782	85,070	519,119	4,936	52,100	26,364	838,877	31,935	2,046,040	1,175,228	768	140	118	515	28	
37,135	19,039	99,034	-----	9,677	732	94,183	2,528	298,891	200,200	96	-----	96	-----	27	
23,560	5,516	63,263	1,081	13,045	18,186	53,312	12,128	248,946	187,596	150	-----	125	-----	28	
120,087	60,515	355,922	8,855	20,378	9,446	690,402	22,279	1,500,208	787,522	522	140	88	284	29	
358,438	178,002	974,434	42,335	71,615	301,262	6,271,028	31,621	10,004,809	3,711,560	682	465	62	155	306	
408,761	472,109	4,250,477	104,330	319,669	10,423,185	50,584	19,256,489	8,782,420	608	-----	608	-----	31		
299,008	425,744	1,108,743	37,751	219,875	41,622	8,860,295	27,789	13,198,577	4,310,493	348	-----	348	-----	32	
33,352	61,010	197,557	3,513	51,644	14,261	1,553,317	8,659	2,245,144	685,183	58	-----	58	-----	33	
265,656	361,734	971,180	34,238	168,231	27,361	7,306,978	21,180	10,953,433	3,625,325	290	-----	290	-----	34	
92,488	28,578	704,751	7,273	106,786	140,404	271,764	827,028	3,573,791	2,475,001	13,465	3,740	9,725	32	35	
295,453	354,826	308,304	117,743	32,708	60,126	2,127,402	37,145	4,180,932	2,016,385	1,629	500	40	1,089	150	36
258,703	255,507	832,157	15,302	88,813	42,113	1,307,214	21,116	3,242,846	1,914,516	302	-----	302	-----	37	
113,805	148,861	288,651	8,557	34,266	25,355	444,845	10,159	1,244,823	789,819	122	-----	122	-----	38	
144,588	106,730	543,500	8,835	54,547	18,758	882,369	10,957	1,998,023	1,124,697	180	-----	180	-----	39	
76,854	10,591	149,050	2,869	15,434	28,820	148,477	11,086	510,605	350,442	31	-----	31	-----	40	
44,690	21,061	103,495	1,120	14,217	1,995	65,648	4,517	310,659	240,294	42	-----	42	-----	41	
1,865,765	2,058,394	7,504,206	749,607	722,186	184,849	34,485,873	95,723	55,929,512	24,347,916	2,813	300	64	1,049	2,297	42
173,741	106,591	741,153	82,638	76,072	3,887	1,461,698	9,276	3,383,273	1,912,299	201	15	15	189	43	
464,025	519,175	1,806,878	558,710	199,390	131,792	9,193,616	40,810	15,250,631	6,046,205	705	-----	705	-----	44	
305,634	270,412	1,048,784	93,090	108,064	65,157	2,654,918	28,239	5,590,286	2,907,129	727	80	25	622	45	
130,838	117,422	795,897	2,661	101,460	1,201	1,227,030	23,508	2,799,348	1,548,709	417	125	50	232	46	
896,260	852,259	4,714,439	422,903	193,581	15,047,740	44,363	26,227,826	11,135,223	694	25	25	669	47		
46,660	7,870	47,832	230	7,000	1,341	335,978	2,254	532,233	194,001	74	17	57	57	48	
1,002,503	581,448	3,461,084	11,884	95,987	13,143,158	6,203,810	872,064	44,826,880	37,751,006	22,719	20,989	940	790	8,647	49
1,280,860	1,089,467	4,794,011	738,460	483,237	124,217	5,485,444	112,871	17,527,111	11,928,798	3,533	816	10	2,707	1,443	50
191,393	111,507	842,307	13,780	140,611	14,680	1,233,075	25,262	3,472,614	2,213,377	419	75	111	344	27	51
290,172	111,480	1,507,376	99,280	208,613	35,247	2,702,670	58,856	6,128,019	3,366,393	3,738	2,280	111	1,347	777	52
91,932	41,041	757,507	27,860	48,309	18,618	1,247,712	39,504	2,708,311	1,421,095	1,460	785	60	615	167	53
52,631	23,357	310,825	6,560	18,705	4,650	673,052	10,373	1,333,759	650,334	390	200	40	150	40	54
30,301	17,684	446,082	21,300	29,664	13,059	574,680	29,131	1,374,552	770,761	1,070	585	20	465	127	55
167,224	179,982	974,189	1,500	127,605	64,388	3,211,608	24,196	5,704,176	2,468,372						

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY.										WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.				Total.	16 and over.		Under 16.			
					Male.	Female.	Average number.	Number, 15th day of—		Male.		Male.	Female.	Male.	Female.		
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																Dollars.	
1 Mucilage, paste, and other adhesives, not elsewhere specified.	9	174	8	17	31	29	89	Fe	105	Oe	79	70	68	2	...	1,480,870	
2 Musical instruments and materials, not specified.	41	365	48	13	34	13	257	No	363	Fe	209	345	272	73	...	448,573	
3 Musical instruments, pianos	36	3,186	3	149	204	113	2,717	Se	3,140	Oe	1,025	2,826	2,602	161	...	16,496,456	
4 Musical instruments, piano and organ materials.	14	1,685	4	44	28	29	1,530	Jy	1,849	No	1,172	1,546	1,154	383	7	4,227,891	
5 Needles, pins, and hooks and eyes.	6	78	3	12	1	2	60	Je	76	Ja	34	68	38	20	1	145,431	
6 Oil, not elsewhere specified.	10	96	3	10	29	19	35	Ja	38	My	33	33	33	15	1	627,312	
7 Optical goods.	41	671	34	37	81	55	464	Jo	491	Oc	888	469	436	18	1	1,190,127	
8 Paints.	8	294	3	23	37	24	207	De	232	Ja	174	232	128	104	...	1,631,461	
9 Paper goods, not elsewhere specified.	36	976	23	69	122	82	680	Jy	720	Fe	638	705	347	356	2	2,735,730	
10 Patent medicines and compounds.	171	2,363	87	260	303	251	1,372	No	1,258	Au	1,096	1,573	581	979	0	13,322,235	
11 Patent and proprietary medicines	113	1,867	55	203	240	211	1,158	No	1,258	Au	1,096	1,226	446	769	4	12,224,267	
12 Patent and proprietary compounds, including compounds not elsewhere specified.	58	496	32	57	153	40	214	Ja	337	De	177	347	135	210	2	1,097,968	
13 Pens, fountain and stylographic.	23	1,607	18	59	151	44	1,425	De	1,554	Se	1,210	1,500	905	576	16	9	3,098,269
14 Pens, gold.	7	303	3	9	4	3	284	Au	317	Oe	232	313	282	30	1	264,750	
15 Perfumery and cosmetics.	106	3,203	50	216	390	498	2,037	No	2,434	Ja	1,734	2,304	743	1,535	16	10	11,372,497
16 Phonographs and graphophones.	12	489	5	58	45	43	338	De	427	Mh	281	427	329	98	...	1,764,417	
17 Photographic apparatus.	10	688	3	27	48	32	573	De	735	Au	387	734	700	28	...	1,846,288	
18 Photographic materials.	26	3,400	5	97	758	936	1,604	Do	1,704	Ja	1,472	1,704	1,379	325	...	26,171,299	
19 Pickles, preserves, and sauces.	32	992	17	66	108	39	703	...	...	...	...	770	321	449	...	3,095,066
20 Preserves.	9	401	28	26	13	334	Jy	376	Ja	290	353	115	238	...	1,281,955		
21 Pickles and sauces.	23	501	17	38	82	26	429	Jy	445	Au	413	417	206	211	2	1,813,161	
22 Plated ware.	11	452	8	27	58	10	373	No	422	Ja	319	389	341	44	2	3,309,140	
23 Plumbers' supplies, not elsewhere specified.	10	218	9	18	20	13	158	De	178	Ap	138	178	172	6	...	626,639	
24 Pocketbooks.	71	1,774	107	43	91	56	1,477	No	1,576	Ja	1,381	1,567	1,020	538	10	2,802,031	
25 Printing and publishing, book and job.	1,510	27,807	1,213	1,870	3,038	2,734	18,952	...	...	...	20,759	17,557	3,058	128	10	65,918,088
26 Job printing.	1,236	22,340	1,063	1,307	1,207	877	17,796	De	19,026	Oc	13,103	19,559	10,640	2,789	115	15	41,094,533
27 Book publishing without printing.	207	4,085	96	393	1,748	1,733	1,115	No	134	De	42	136	79	57	...	21,651,807	
28 All other.	67	1,382	54	80	83	124	1,041	Se	1,137	No	803	1,064	838	212	13	1	3,166,748
29 Printing and publishing, newspapers and periodicals.	753	35,700	204	2,306	10,507	7,893	14,790	...	...	...	15,595	12,824	2,729	0	30	112,973,243
30 Printing and publishing.	62	16,695	12	501	5,120	2,197	8,775	Do	9,491	Oc	7,714	9,484	8,385	1,057	0	36	55,724,771
31 Printing, publishing, and job printing.	67	7,437	20	286	805	672	5,045	Se	5,976	Oc	4,750	5,754	4,204	1,490	...	25,115,533	
32 Publishing without printing.	624	11,568	103	1,420	4,582	5,024	370	Mh	413	Oc	851	357	175	182	...	32,132,999	
33 Pumps, not including power pumps.	6	48	7	3	5	5	1	32	Jy	36	De	25	32	32	...	419,451	
34 Regalia, and society badges and emblems.	21	216	24	15	16	15	146	No	157	Jy	138	152	74	76	2	7,635	
35 Saddlery and harness.	30	130	25	7	5	2	91	Oc	95	Ap	88	93	87	0	...	269,849	
36 Sausage, not made in slaughtering and meat-packing establishments.	61	353	64	27	23	14	225	...	...	...	225	210	6	...	1,454,905	
37 Sausage.	54	304	53	23	19	10	199	Jy	215	No	165	197	101	0	...	1,168,142	
38 Sausage casings.	7	40	11	4	4	4	26	De	29	My	22	28	28	...	280,768		
39 Saw-s.	4	8	5	...	...	...	3	(4)	3	(4)	3	2	2	...	7,635	
40 Sewing machines and attachments.	10	183	7	9	15	5	147	De	165	Jn	130	164	100	4	...	392,810	
41 Shirts.	180	4,994	234	245	570	284	3,061	De	4,200	Jy	2,751	4,593	1,041	2,007	17	28	81,116,254
42 Show cases.	10	182	7	17	5	4	149	No	155	Ja	128	150	149	7	...	1,550,084	
43 Signs and advertising novelties.	102	1,119	70	93	79	50	818	...	...	...	991	830	160	1	...	228,718
44 Electric signs.	7	246	2	15	13	8	208	De	276	Fe	141	270	269	7	...	480,918	
45 Other signs.	71	424	64	33	16	14	297	De	326	Ja	269	334	286	47	1	841,349	
46 Advertising novelties.	24	449	13	45	50	28	313	De	382	Fe	271	381	275	106	...	103,389	
47 Silk goods.	80	2,907	95	111	149	90	2,102	...	...	...	2,670	903	1,672	7	28	25,478,503
48 Finished products.	62	2,489	72	87	119	69	2,142	De	2,280	Jy	2,010	2,285	1,014	1,336	7	28	6,949,788
49 Throwsters and winders.	18	418	23	24	30	21	21	De	370	Ap	286	385	40	330	...	18,528,717	
50 Silversmithing and silverware.	29	765	19	50	101	44	551	Do	634	Ja	481	580	561	18	1	2,248,802	
51 Slaughtering and meat packing.	48	4,875	37	120	854	192	3,672	Au	3,827	No	3,184	3,728	3,710	18	...	41,008,412	
52 Soap.	13	548	11	28	122	40	347	Ja	362	De	332	334	250	84	...	2,619,211	
53 Soda-water apparatus.	20	135	18	15	6	8	88	Ap	97	Ja	79	88	88	...	...	488,922
54 Springs, steel, car and carriage, not made in steel works or rolling mills.	8	411	3	26	11	345	No	400	Mh	314	386	385	1	...	860,038		
55 Stamped ware.	25	716	13	45	24	21	613	No	680	Ja	504	682	512	168	1	1,602,509	
56 Stationery goods, not elsewhere specified.	50	1,250	34	75	142	73	928	De	956	Ja	902	954	469	475	10	2,401,595	
57 Statuary and art goods.	43	371	49	30	14	6	272	Oc	317	Ja	239	296	284	12	...	883,198	
58 Steam packing.	12	102	8	12	6	4	72	My	76	Se	69	70	69	1	...	232,963	
59 Stereotyping and electrotyping.	30	1,143	15	73	119	35	901	Se	059	Ja	839	928	908	18	2	2,887,440	
60 Stoves and hot-air furnaces.	3	25	4	1	1	1	19	Jy	22	Au	17	19	19	10	...	45,481	
61 Stoves, gas and oil.	9	148	7	10	12	8	111	De	133	Mh	97	135	110	10	...	600,670	
62 Structural ironwork, not made in steel works or rolling mills.	116	1,184	96	88	56	26	918	De	1,041	Ja	715	1,046	1,040	...	2	2,511,369	
63 Surgical appliances.	41	438	32	45	38	31	202	No	322	Mh	272	318	147	169	2	620,521	
64 Suspenders, garters, and elastic woven goods.	64	1,343	68	55	112	65	1,063	De	1,147	Ap	904	1,147	462	677	5	3,394,094	
65 Tinware, not elsewhere specified.	30	1,373	31	32	72	80	1,208	Do	1,360	Mh	1,094	1,270	1,114	150	...	5,683,958	
66 Tobacco, chewing and smoking, and snuff.	33	70	30	4	1	8	41	Sc	44	Fe	88	45	35	10	...	328,609	
67 Tobacco, cigars and cigarettes.	724	15,258	709	668	923	397	12,561	...	...	...	13,827	7,570	6,237	4	10	80,883,607
68 Cigars.	682	9,771	666	401	369	122	8,153	Mh	11,583	Au	2,182	8,024	5,739	2,881	3	19,324,278	
69 Cigars and cigarettes.	62	5,487	43	207	554	275	4,408	No	4,933	Ja	3,085	5,203	1,837	3,356	1	9,61,059,329	

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—NEW YORK.

1088

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.						Value added by manufacturer.	Total.	POWER.				Electric horsepower generated in establishments reporting.
Salaries and wages.			Rent and taxes.		For materials.			Primary horsepower.				
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹	Rent ed. ²

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Dollars. 76,997	Dollars. 106,298	Dollars. 116,477	Dollars. 11,339	Dollars. 3,438	Dollars. 649,967	Dollars. 11,446	Dollars. 1,003,916	Dollars. 342,503	242	125	117	47	1	
50,283	58,505	278,732	8,292	39,266	40,449	477,321	5,280	1,607,846	1,125,236	136	.....	136	.....
685,067	434,412	3,300,024	20,800	346,865	292,776	9,197,963	137,241	16,438,746	7,103,542	2,399	1,600	521	330	
169,153	63,940	1,528,263	300	96,263	127,601	2,536,107	54,737	5,040,058	2,449,214	1,451	1,175	276	180	
30,224	4,718	57,533	4,785	9,300	1,468	105,493	2,214	250,905	143,198	47	.....	47	5	
78,919	95,150	40,503	10,408	5,379	929,155	4,182	1,421,872	488,535	118	85	5	28	6	
133,383	134,957	576,388	2,870	65,902	20,707	1,013,992	12,481	2,442,043	1,415,570	284	.....	279	7	
162,647	114,237	136,817	33,600	47,065	1,353,560	9,710	2,660,136	1,296,886	169	125	44	15	8	
283,223	364,184	604,142	15,203	112,901	33,080	2,844,962	22,467	4,773,901	1,906,472	690	.....	686	9	
1,524,580	698,703	1,157,312	30,739	313,003	342,502	7,799,307	58,670	21,378,823	13,520,846	939	468	470	246	
1,378,180	588,491	1,008,114	20,873	267,899	2,330,092	6,845,745	54,103	19,302,844	12,402,996	884	469	415	246	
146,400	110,272	149,198	9,866	45,704	12,410	953,562	4,567	2,075,979	1,117,850	55	.....	55	12	
301,069	415,853	1,030,225	11,255	69,112	1,061,716	2,698,829	17,245	7,908,102	5,102,028	277	.....	217	13	
37,240	7,303	377,118	14,318	1,317	632,646	5,301	1,227,836	589,889	110	.....	110	14	14	
1,051,710	1,319,510	1,409,548	215,044	288,774	654,440	10,119,263	26,496	21,506,486	11,220,727	442	15	421	15	
176,539	103,652	373,958	847,870	43,459	147,949	1,000,127	19,289	3,618,763	2,509,347	228	75	153	16	
157,663	81,506	727,529	51,665	55,250	1,125,593	24,429	2,818,773	1,668,760	897	.....	897	17	17	
1,051,616	2,209,635	3,953,096	5,096	81,016	506,147	8,750,249	27,310	17,574,585	8,797,006	364	.....	364	18	
262,014	229,349	564,330	5,128	114,118	139,444	5,099,083	56,702	7,420,015	2,264,225	1,071	347	86	19	
134,864	72,812	249,407	36,205	32,634	1,036,686	28,328	2,308,215	643,201	309	222	87	20	20	
117,150	156,537	314,923	5,126	77,913	106,810	3,402,402	28,374	5,111,800	1,621,024	762	125	551	21	21
115,865	149,946	432,936	3,279	49,073	3,713	586,730	14,085	1,803,253	1,202,483	384	160	156	105	22
50,178	58,820	233,060	.....	27,498	3,306	531,800	13,491	1,034,139	488,839	417	350	67	23	23
220,869	272,005	2,018,587	155,705	131,514	38,138	5,812,337	11,501	9,796,346	4,472,508	158	.....	158	24	24
7,510,660	7,296,173	20,073,456	13,870,884	2,055,946	1,270,624	34,327,180	830,387	120,009,798	84,852,229	18,933	305	197	18,431	15
5,533,822	3,127,431	25,168,881	2,001,275	2,420,100	532,479	29,015,210	769,754	82,864,589	53,079,025	17,974	.....	17,777	26	26
1,658,192	3,886,870	142,044	11,618,265	427,313	688,344	3,931,522	3,765	32,670,605	28,636,318	76	75	1	27	27
318,646	281,863	1,364,531	260,344	108,407	49,801	1,380,448	56,868	4,574,602	3,137,286	883	230	653	15	28
10,845,098	28,258,074	21,850,334	21,891,028	2,393,220	3,470,056	66,908,579	765,862	206,585,376	138,910,935	18,977	4,020	100	14,857	1,824
3,069,897	12,715,482	12,050,187	1,071,754	949,534	2,105,000	37,101,145	499,709	89,666,495	52,065,641	13,072	3,160	9,912	1,204	30
1,700,479	2,407,618	8,404,247	503,508	452,334	619,943	12,113,343	260,759	33,300,831	20,926,729	5,878	860	4,918	620	31
6,068,722	13,075,674	795,000	20,315,766	991,302	845,113	17,694,091	5,394	83,618,050	65,918,565	27	.....	27	32	32
10,560	14,236	42,892	8,620	2,584	86,795	1,332	203,445	115,318	31	.....	31	33	33	
43,555	47,140	164,653	71,470	24,558	2,327	495,534	3,858	980,813	480,021	35	.....	35	34	34
15,680	10,903	110,000	.....	14,752	1,265	328,949	1,730	594,980	264,301	42	.....	42	35	35
139,189	44,840	323,141	490	51,101	7,088	3,027,874	34,944	4,094,481	1,031,663	509	.....	589	36	36
105,389	34,005	306,370	490	45,480	5,640	2,767,034	34,157	3,680,221	870,030	590	.....	580	37	37
33,800	10,835	21,771	200	1,694	2,620	154,454	3,425	787	414,260	152,633	9	.....	39	38
36,235	25,949	180,855	20,928	5,621	6,800	8,492	510	22,400	15,090	8	.....	8	39	39
1,139,552	1,885,294	4,090,516	7,377,173	406,914	417,875	45,550,179	56,763	69,397,169	23,784,227	898	225	167	40	40
42,128	12,210	164,800	18,908	532	272,304	4,440	570,830	294,086	174	.....	8	166	42	42
308,856	144,704	933,505	46,531	118,065	9,932	1,535,183	17,093	3,705,883	2,153,452	453	.....	445	43	43
57,320	31,733	289,670	14,135	868	334,632	2,308	824,321	487,361	20	.....	20	44	44	44
90,790	80,673	348,054	22,222	49,928	5,503	388,174	6,915	1,250,729	855,640	204	.....	204	45	45
100,746	82,293	295,775	24,309	52,002	3,498	818,492	7,870	1,630,813	810,451	229	.....	221	46	46
410,906	341,535	2,424,213	1,803,807	282,934	118,520	15,050,751	69,150	25,673,582	9,653,681	1,647	350	50	125	41
300,150	276,423	2,101,265	217,447	75,154	7,452,610	57,146	14,252,355	6,742,583	1,424	350	50	100	48	48
110,756	106,107	322,948	1,006,311	45,487	40,366	8,493,135	12,004	11,421,227	2,911,088	223	.....	25	49	49
188,825	170,694	712,446	18,745	59,968	24,515	1,373,738	21,933	3,243,200	1,847,729	631	250	20	361	225
609,350	1,618,502	5,219,034	45,191	328,803	366,055	138,733,264	779,056	153,807,609	14,295,289	9,886	6,713,733	2,420	2,901	51
193,577	339,123	344,797	1,628	32,408	65,897	2,679,262	78,227	5,001,335	2,243,846	894	560	334	52	52
27,705	17,820	105,711	28,000	19,451	543	420,346	3,881	764,253	340,026	113	.....	10	103	53
106,274	59,287	303,900	1,000	43,755	39,831	586,222	42,427	1,598,168	989,519	438	125	119	194	54
221,351	111,670	631,159	1,815	88,891	57,322	1,051,750	27,815	2,471,029	1,391,464	483	25	21	447	55
307,000	897,191	832,650	7,471	129,391	41,768	2,986,766	18,777	5,488,310	2,482,767	367	40	327	56	56
70,854	31,195	332,050	16,092	39,420	5,223	251,831	13,552	945,029	670,646	196	.....	189	57	57
72,430	17,203	117,886	1,442	10,203	37,386	177,382	3,381	492,554	311,791	89	5	84	58	58
401,041	157,236	1,349,672	20,522	104,792	19,637	1,142,324	100,194	4,162,707	2,918,189	1,576	2	1,574	59	59
2,500	600	21,163	3,500	17,887	526	58,885	40,472	9	.....	9	.....	9	60	60
58,220	29,914	121,749	14,830	4,056	365,798	6,207	807,634	435,629	136	.....	14	122	61	61
238,906	117,235	1,154,434	120,187	107,359	15,925	2,367,911	32,925	4,773,476	2,372,640	982	25	228	709	62
114,866	108,680	271,707	3,976	59,866	4,982	616,083	5,177	1,569,252						

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					
		Total.	Propri- tors and firm mem- bers.	Sala- ried offi- cers, super- inten- dents, and man- agers.	Clerks, etc.		Wage earners.			Total.	16 and over.		Under 16.	
					Male.	Fe- male.	Aver- age num- ber.	Number, 15th day of—	Maximum month.		Male.	Fe- male.	Male.	Fe- male.
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.														

1	MANHATTAN BOROUGH—Con.														
2	Tools, not elsewhere specified.	57	504	55	41	14	25	369	Ja	387	358	29			
21	Shovels, spades, scoops, hoes, and carpenters' and machinists' tools.	21	214	17	22	6	13	156	Je	156	152	4			
3	All other	36	290	38	19	8	12	213	De	231	206	25			
4	Toys and games	107	2,582	113	119	101	84	2,165	Se	2,408	1,306	1,024	11	621,378	
5	Trunks and valises	130	1,968	119	139	122	67	1,521	Oc	1,672	1,557	114	1	3,276,477	
6	Umbrellas and canes	104	1,170	133	64	74	48	800	Do ^a	920	478	445	4	4,046,417	
7	Watchcases	14	188	10	17	12	11	138	Se	155	145	10		542,231	
8	Window and door screens	3	17	2	3			1	De ^b	12	Ja	8		9,207	
9	Window shades and fixtures	38	176	39	11	12	8	106	No	109	78	31		636,556	
10	Wirework, not elsewhere specified	56	543	84	29	41	19	370	Jy	385	369	15	1	1,152,386	
11	Wood, turned and carved	67	334	79	23	6	7	219	No ^b	236	203	30		372,161	
12	Wooden goods, not elsewhere specified	9	103	4	16	12	2	69	Fe	72	72			224,316	
13	All other industries*	948	31,840	713	1,742	4,050	1,722	23,613		25,558	20,314	5,134	73	37	319,089,034

*All other industries embrace—														
Artificial limbs	12	Carrige and wagon materials	2	Combs and hairpins, except those made from metal or rubber	3									
Artificial stone products	3	Carriges and sleds, children's	3	Cordage and twine	1									
Asbestos products, not including steam packing	2	Cars and general shop construction and repairs by electric-railroad companies	4	Cork, cutting	3									
Automobiles	4	Cars and general shop construction and repairs by steam-railroad companies	3	Cotton goods	3									
Bags, other than paper, not including bags made in textile mills	31	Dairymen's and poultrymen's supplies	3	Dairymen's and poultrymen's supplies	3									
Baking powders	7	Drug grinding	3	Dye-stuffs and extracts—natural	3									
Belting, woven	1	Cash registers and calculating machines	3	Emery and other abrasive wheels	1									
Billiard tables and accessories	14	Chemicals	8	Enameling	1									
Blacking, stains, and dressings	16	Chewing gum	2	Engines, steam, gas, and water	1									
Bluing	2	Chocolate and cocoa products	1	Engravers' materials	2									
Boot and shoe findings	34	Clothing, horse	38	Envelopes	15									
Canning and preserving, fish	5	Colling, horse	4	Fire extinguishers, chemical	6									
Card cutting and designing	23	Con-tar products	2	Flags and banners	12									
Cardboard	1	Collars and cuffs, men's	6	Flour-mill and grist-mill products	3									
Carpets, rag	4	Collars and cuffs, men's	6	Foundry supplies	2									

1	QUEENS BOROUGH—All industries.	1,249	56,918	1,064	2,240	4,353	2,033	47,222	Ja	48,582	45,435	51,002	30,189	11,520	110	228	310,682,294
2	Artificial stone products	17	60	13	7	1		48	Ap	82	Fe	52	52				75,152
3	Automobile bodies and parts	20	556	19	25	20	8	475	Ja	502	Ja	484	452	32			921,864
4	Automobile repairing	25	1,088	20	34	175	134	725	Oc	808	Ju	708	708				1,040,515
5	Brass and bronze products	9	274	5	24	11	7	227	Jy	230	Ja	214	232	227	5		736,332
6	Bread and other bakery products	201	3,929	212	65	857	120	2,645	Ja	3,050	Do	2,452	2,436	1,707	764	2	6,265,960
7	Buttons	19	660	26	38	26	22	848	Ja	928	Ja	720	839	463	354	2	1,739,696
8	Carriages and wagons, including repairs	9	29	10				10	Au ^a	20	Ja	18	19	19	19		47,250
9	Clothing, woman's	41	640	54	20	21	8	537				002	129	533			723,435
10	Regular factories	21	408	22	13	20	8	345				405	101	304			600,298
11	Suits, skirts, and cloaks	4	112	5		1	3	103	Ap	128	Ja	56	124	66	58		181,527
12	Shirt waists and dresses, except house dresses	8	104	7	6	12	1	138	Au	102	Ja	110	159	22	137		134,760
13	All other	9	132	10	7	7	4	104	Jy	133	Ja	71	122	13	109		284,011
14	Contract work	20	232	32	7	1		192				257	28	229			123,187
15	Shirt waists and dresses, except house dresses	11	145	16	5			124	Do	165	Ja	85	101	0	155		63,068
16	All other	9	87	16	2	1		68	Jy	97	My	41	96	22	74		70,191
17	Confectionery and ice cream	44	919	53	23	51	23	770				006	140	405	1		4,034,766
18	Confectionery	7	835	4	23	51	22	735	Oc	932	Ja	492	506	104	402		3,873,748
19	Ice cream	37	84	49				35	Au	57	Ja	25	40	36	3	1	160,938
20	Copper, tin, and sheet-iron work	23	152	21	21	21	2	104	De	126	Fe	88	119	119			1,034,542
21	Dyeing and finishing textiles, exclusive of that done in textile mills	5	118	3	6	1	3	105	De	122	Fe	02	122	103	19		233,942
22	Dye-stuffs and extracts—natural	4	194	1	14	22	7	150	De	180	Ja	135	180	180			1,000,501
23	Fancy articles not elsewhere specified	8	203	6	16	17	6	158	De	184	Mh	143	189	143	46		318,791
24	Foundry and machine-shop products	46	1,902	22	162	111	57	1,550				1,805	1,794	70	1		6,394,094
25	Boiler shops and foundries	8	473	2	28	21	8	414	Se	504	Ja	300	526	526			1,143,210
26	Machine shops	38	1,420	20	134	90	49	1,136	De	1,302	Ap	1,005	1,330	1,268	70	1	5,250,884
27	Furniture	19	751	13	54	37	37	627				744	720	15			1,205,404
28	Wood furniture, other than rattan and willow	9	554	5	42	30	14	403	De	504	Se	380	502	554	8		933,144
29	Rattan, willow, metal, and store and office fixtures	10	197	8	12	7	6	164	Oc	178	Jo	156	182	176	7		272,260
30	Gas and electric fixtures	6	328	1	24	35	13	255	De	302	Jo	149	302	280	20	2	585,121
31	Glass	4	309	15	7	7	7	280	De	422	Au	124	344	344			1,229,650
32	Glass, cutting, staining, and ornamenting	8	37	10			1	26	De	34	Ja ^a	20	34	31	3		22,305
33	Ice, manufactured	12	218	4	23	11	3	177	Au	266	Ja	104	107	107			2,365,558
34	Iron and steel, tempering and welding	8	48	4	7	1	2	34	De	39	Mh	30	36	36			210,558
35	Knit goods	75	942	80	50	34	29	749	De	958	Ja	588	994	422	503	8	32,271,943
36	Leather goods, not elsewhere specified	8	271	6	16	33	25	101	No	232	Fo	168	231	90	130	4	743,445
37	Lumber, planing-mill products, not including planing mills connected with sawmills	25	600	18	47	38	20	483	De	507	Ja	379	565	563	1		2,453,210
38	Marble and stone work	50	699	50	40	27	10	554				626	626			1	1,928,205
39	Monuments and tombstones	44	252	50	17	5	2	178	Se	203	Ja	123	200	200			736,553
40	Other marble and stone work, except slate	15	447	9	32	22	8	370	No	404	Fe	226	426	425	1		1,101,762

^a Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).^b Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—NEW YORK.

1085

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.										POWER.					
Salaries and wages.			Rent and taxes.			For materials.			Value of products.	Value added by manufacturer.	Primary horsepower.				Electric horsepower generated in establishments reporting.
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Total.		Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹	Rented. ²	
77,150	18,589	224,449	2,288	26,507	37,637	214,054	7,217	744,392	523,121	163	48	12	151	151	2

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
152,002	49,797	482,769	2,288	55,966	43,980	906,900	18,770	2,173,004	1,247,334	503	48	12	455	151	1
77,150	18,589	224,449	2,288	26,507	37,637	214,054	7,217	744,392	523,121	163	48	12	151	151	2
74,843	31,208	258,320	1,367	29,300	6,343	692,846	11,553	1,428,612	724,213	340	36	304	304	304	3
380,620	290,009	2,525,086	76,386	278,000	32,556	4,876,237	55,940	10,151,598	5,219,421	462	10	452	452	452	4
464,406	303,807	2,284,327	18,749	217,714	26,083	6,408,166	28,842	11,376,907	4,939,899	535	155	10	370	21	5
311,331	254,137	1,060,919	98,279	162,719	97,373	6,072,350	21,370	10,027,444	3,633,724	323	323	323	323	323	6
109,500	20,160	216,408	16,568	18,339	7,559	559,705	3,243	1,092,632	529,684	64	64	64	64	64	7
2,600	650	22,110	1,770	7	20,695	179	52,200	31,326	13	13	13	13	13	8	
28,125	29,869	112,147	2,000	30,577	2,605	1,046,925	2,290	1,516,136	407,321	38	38	38	38	38	9
89,982	99,603	393,763	3,802	56,788	7,756	1,220,508	14,165	2,406,383	1,231,710	349	20	67	262	10	10
63,952	14,185	305,205	27,759	45,363	2,012	338,522	12,566	1,065,636	714,548	378	112	23	243	11	11
29,277	15,904	73,788	1,317	16,820	3,222	538	2,971	500,164	234,655	125	32	93	93	93	12
7,802,316	7,849,726	30,785,519	3,319,507	2,441,454	6,424,183	130,699,578	6,007,252	226,602,317	89,295,487	35,397	21,559	387	13,451	4,317	13

Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills	1	Motorcycles, bicycles, and parts.	1	Rubber tires, tubes, and rubber goods, not elsewhere specified.	1	Tin plate and terneplate.	1
Iron and steel, wrought pipe	1	Musical instruments, organs.	4	Type founding.	2	Type foundry.	2
Ivory, shell, and bone work, not including combs and hairpins	9	Oil, essential.	2	Typewriters and supplies.	17	Typewriters and supplies.	17
Japanning.	3	Paper patterns.	13	Scales and balances.	6	Upholstering materials, excelsior and curled hair.	2
Lapidary work.	60	Paving materials.	13	Shipbuilding, steel.	3	Varnishes.	7
Lasts.	3	Pencils, lead.	1	Shipbuilding, wooden, including boat building.	5	Vault lights and ventilators.	9
Lead, bar, pipe, and sheet.	1	Photo-engraving.	73	Smelting and refining, tin.	1	Wall paper, not made in paper mills.	2
Liquors, distilled.	1	Pipes, tobacco.	8	Smelting and refining, not from the ore.	1	Wall plaster and composition flooring.	5
Liquors, vinous.	13	Poultry, killing and dressing, not done in slaughtering and meat-packing establishments.	1	Smelting and refining, not from the ore.	1	Watch and clock materials, except watchcases.	5
Lubricating greases.	2	Printing and publishing, music.	59	Sporting and athletic goods.	12	Watches.	3
Lumber and timber products.	2	Printing materials.	12	Steam fittings and steam and hot-water heating apparatus.	10	Whalebone cutting.	1
Machine tools.	6	Pumps, power, other than steam.	1	Stencils and brands.	13	Whips.	2
Mats and matting, from cocoanut fiber, grass, and coir.	1	Refrigerators.	9	Textile machinery and parts.	4	Wood carpet.	2
Minerals and earths, ground or otherwise treated.	2	Roofing materials.	6	Theatrical scenery.	4	Woolshoddy.	1
				Tin foil.	2		

9,130,872	8,054,061	54,282,704	1,007,507	1,093,623	9,502,593	181,954,127	13,276,160	331,285,294	136,055,001	97,211	43,936	18,366	2,015	100	32,791	21,717	1
12,873	1,040	57,785	1,500	3,913	3,370	86,212	639	230,545	143,644	22	22	22	22	22	2	2	
200,767	59,332	491,166	408	26,992	139,490	1,177,994	46,205	2,507,296	1,533,997	841	170	37	634	120	120	3	
85,793	388,101	1,106,302	5,000	68,715	30,504	492,080	37,336	2,050,317	1,520,901	753	7	746	746	4	4		
81,600	28,980	282,035	2,172	5,779	9,138	382,883	25,422	1,005,427	597,142	197	20	177	177	5	5		
179,217	1,166,987	2,031,400	400	321,080	123,960	9,718,267	244,629	16,384,475	6,421,580	3,097	450	1,900	22	725	2,000	6	
105,076	91,727	732,847	52,472	12,381	10,422	1,034,245	49,387	2,738,907	1,604,775	682	100	17	545	16	8		
			18,370	3,780	188	13,076	1,006	61,641	47,559	30	20	20	20	20	16	8	
39,723	26,138	427,842	16,915	23,789	1,237	1,135,573	12,629	2,069,451	921,249	133	133	133	133	133	9	9	
29,758	20,018	289,579	13,950	14,599	1,140	1,100,648	6,978	1,726,222	618,596	75	75	75	75	75	10	10	
	3,358	119,704	2,965	2,580	826	389,409	2,012	599,536	203,115	22	22	22	22	22	11	11	
10,870	9,000	91,386	5,345	6,873	204	348,108	2,953	507,698	156,637	31	31	31	31	31	12	12	
18,888	13,660	78,489	13,950	6,146	20	363,131	2,013	618,988	253,844	22	22	22	22	22	13	13	
9,965	120	133,263	2,965	9,190	97	34,925	5,651	343,229	302,653	55	55	55	55	55	14	14	
5,315	84,098	54,105	2,965	3,845	3	26,785	2,821	215,613	186,207	19	19	19	19	19	15	15	
4,650	120	513,543	33,615	262,431	1,985,801	91,996	3,949,306	1,871,449	762	350	25	387	387	17	17	16	
85,025	78,354	471,411	12,749	260,569	1,693,675	83,632	3,440,054	1,002,740	623	350	25	273	273	18	18	18	
85,025	78,354	42,132	20,800	1,862	292,188	8,364	509,252	208,700	139	25	114	114	114	19	19	19	
37,605	6,197	148,293	13,918	11,793	3,622	267,918	4,953	652,574	349,698	167	167	167	167	167	20	20	
15,320	4,472	110,176	3,900	7,400	13,901	186,902	415,284	214,481	50	20	6	24	24	21	21	21	
200,781	35,030	223,750	5,144	93,165	945,302	48,044	1,449,057	455,711	1,374	936	936	438	438	22	22	22	
41,670	27,656	190,333	11,311	7,605	2,755	445,875	8,148	820,108	375,145	78	78	78	78	78	23	23	
503,262	283,085	2,144,403	6,000	92,807	104,685	2,517,844	135,598	6,923,330	4,239,888	2,902	455	35	2,412,260	24	24	24	
148,639	35,137	614,362	19,140	26,729	455,909	44,825	1,571,069	1,070,335	518	200	15	333	333	200	25	25	
414,623	247,948	1,530,101	6,000	73,757	137,956	2,091,935	90,773	5,352,261	3,189,553	2,354	255	20	2,079	26	26	26	
193,306	70,958	310,552	27,384	64,481	7,805	723,843	18,053	2,130,790	1,388,264	477	477	477	429	429	27	27	
174,837	56,760	621,047	16,015	43,492	8,932	430,887	18,193	1,427,457	983,877	204	204	204	204	204	28	28	
23,469	14,193	218,905	11,360	20,989	1,873	293,456	5,490	703,333	404,387	273	48	48	225	225	29	29	
74,494	64,459	306,313	.....	20,381	964	248,548	14,614	1,021,059	757,897	306	306	306	306	306	30	30
83,607	17,555	302,727	.....	11,672	148,561	123,372	886,878	614,942	253	115	125	125	125	131	31	31
	780	23,304	.....	1,886	255	14,543	1,487	60,873	44,843	31	25	25	25	6	32	32
83,222	15,297	248,401	19,602	4,500	34,979	91,812	269,959	1,202,528	840,757	5,940	3,425	400	2,095	161	33	33	
25,800	3,657	52,969	.....	9,023	2,618	25,895	3,611	148,383	118,877	133	90					

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital,		
		Total.	Propri- etors and firm mem- bers.	Sala- ried offi- cers, super- intendents, and managers.	Clerks, etc.		Wage earners.			Total.	10 and over.		Under 10.		
					Male.	Female.	Ave- rage num- ber.	Number, 15th day of—	Maximum month.		Male.	Female.	Male.	Female.	
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.															
1 QUEENS BOROUGH—Con.	10	125	12	4	2	107	Ap	113	Fe	90	111	44	66	1	Dollars, 265,988
Millinery and lace goods, not elsewhere specified.															
2 Mineral and carbonated waters.	15	57	16	5	2	34	Se	55	Fe ^a	12	48	47	1		621,570
3 Paints.	11	469	3	43	105	26	292	Do	319	Ja	254	318	315	3	3,508,490
4 Patent medicines and compounds.	13	1,359	5	66	104	40	1,084	Fe	1,435	Se	914	939	455	477	4,382,062
5 Perfumery and cosmetics.	4	48	2	6	7	5	28	So	31	Ja ^a	21	24	7	6	102,453
6 Printing and publishing, book and job.	26	85	26	6	1	3	49	De	56	Ja	41	59	53	3	204,501
7 Printing and publishing, newspapers and periodicals.	19	215	10	22	30	20	133				143	132	10	1	577,453
8 Printing and publishing.	5	18	3	4	6	5									21,514
9 Printing, publishing, and job printing.	14	197	7	18	24	15	133	Do	144	No	117	143	132	10	553,044
10 Silk goods.	18	1,833	0	57	92	57	1,623	Je	1,683	Fe	1,523	1,645	600	920	12,340,493
11 Stamped and enameled ware, not elsewhere specified.	5	2,651		59	118	59	2,415	Do	2,662	Je	2,089	2,662	2,317	913	21,10,200,294
12 Structural ironwork, not made in steel works or rolling mills.	20	770	9	51	102	25	583	Fe	661	My	491	658	657	1	2,159,228
13 Tobacco, cigars.	98	940	100	46	11	2	781	De ^a	823	Au	750	826	342	482	2,000,965
14 Tools, not elsewhere specified.	3	38	2	3	2	1	30	Je	35	Au	26	32	29	3	85,550
15 Toys and games.	5	52	3	3	1	1	45	No ^a	47	Do	38	40	22	12	74,588
16 Varnishes.	9	323	1	41	87	20	108	Do	185	Fe	148	181	180	4	2,396,505
17 Window shades and fixtures.	6	34	7	1	5	21	Do	46	Ja ^a	3	45	39	6		39,150
18 All other industries*.	292	32,672	199	1,093	2,087	1,231	28,002				30,612	24,238	6,202	55	204,510,363

*All other industries embrace—
 Airplanes, seaplanes, and airships, and parts.

Artificial flowers.

Automobiles.

Awnings, tents, and sails.

Babbitt metal and solder.

Bags, paper, exclusive of those made in paper mills.

Baskets, and rattan and willow ware.

Betting, leather.

Blacking, stains, and dressings.

Bookbinding and blank-book making.

Boot and shoe findings.

Boots and shoes, not including rubber boots and shoes.

Boots and shoes, rubber.

Boxes, cigar.

Boxes, paper and other, not elsewhere specified.

Boxes, wooden packing, except cigar boxes.

Briek, terra-cotta products.

Brooms, from broom corn.

Brushes.

Candles.

Carpets and rugs, other than rag.

Carpets, rag.

Carriage and wagon materials.

Carriages and sleds, children's.

Cars and general shop construction and repairs by electric-railroad companies.

Cars and general shop construction and repairs by steam-railroad companies.

Cement.

Chemicals.

Chewing gum.

Cleansing and polishing preparations.

Clothing, men's.

Coal-tar products.

Coffee and spice, roasting and grinding.

Coffins, burial cases, and undertakers' goods.

Combs and hairpins, except those made from metal or rubber.

Cooperage.

Cordage and twine.

Corsets, brassieres.

Cotton lace.

Cotton small wares.

Cutlery and edge tools, razors.

Dental goods.

Druggists' preparations.

Electrical machinery, apparatus, and supplies.

Emery and other abrasive wheels.

Enameling.

Engines, steam, gas, and water.

Engraving and diesinking.

Engraving, steel and copper plate, including plate printing.

Feathers and plumes.

Films.

Fireworks.

Flavoring extracts.

Food preparations, not elsewhere specified.

Furnishing goods, men's.

Furs, dressed.

Galvanizing.

Gas, illuminating and heating.

Gas machines and gas and water meters.

Gloves and mittens, leather.

Gold, leaf and foil.

Grease and tallow, not including lubricating greases.

Hardware.

Hats and caps, other than felt, straw, and wool.

1 RICHMOND BOROUGH—All industries.	252	20,320	214	465	1,230	525	17,886	Fe	21,569	Oc	12,851	13,883	12,600	1,257	7	10	93,810,635
2 Automobile bodies and parts.	4	13	5			1	7	My ^a	8	Ja ^a	6	7	7			11,250	
3 Automobile repairing.	17	84	17	6	1	6	54	Oc ^a	57	Ja	47	56	53	2	1	198,372	
4 Bread and other bakery products.	48	206	50	3	10	10	217	Jy	222	Oc ^a	214	219	200	10		634,576	
5 Carriages and wagons, including repair pairs.	3	13	4			1	8	(4)	8	(4)	8	6	0			25,485	
6 Clothing, women's.	9	202	14	10	1	1	176	No	116	Jy	56	198	15	182	1	77,968	
7 Regular factories.	4	106	4	8	1	1	92	My ^a	102	Ja	59	103	15	87	1	43,027	
8 Contract work.	5	96	10	2			84	My ^a	102	Ja	59	95				34,901	
9 Confectionery and ice cream.	9	37	10			1	26					25	10	15		97,675	
10 Confectionery.	3	17	4				13	Mh	16	So	11	13	3	10		9,225	
11 Ice cream.	6	20	6			1	13	So ^a	14	De ^a	12	12	7	5		88,450	
12 Copper, tin, and sheet-iron work.	15	49	15	1		1	32	So ^a	33	De ^a	29	31	29	2		90,310	
13 Ice, manufactured.	3	32	4		2	2	26	So ^a	36	Fe	17	21	20	1		169,241	
14 Lumber, planing-mill products, not including planing mills connected with sawmills.	5	231	6	3	4	2	216	So ^a	222	Fe	208	218	200	18		524,500	
15 Marble and stone work, monuments and tombstones.	6	20	8				12	No ^a	14	Jy ^a	11	14	14			58,556	
16 Millinery and lace goods, not elsewhere specified.	5	42	2	2	8		30	Do	48	Jo	23	50	14	36		214,407	
17 Mineral and carbonated waters.	6	17	5				12	So ^a	17	De ^a	9	13	13			46,942	
18 Printing and publishing, book and job.	11	38	11	2		1	24	Ja	20	De ^a	23	25	18	7		53,289	
19 Printing and publishing, newspapers and periodicals.	11	74	9	7	8	7	43	De	45	Je ^a	42	45	43	2		170,528	
20 Shipbuilding, steel.	3	10,405		34	400	83	9,888	Fe	13,702	Oc	4,574	5,241	5,241			20,670,251	
21 Shipbuilding, wooden, including boat building.	11	1,508	8	34	22	20	1,484	Mh	2,090	Jy	1,031	1,430	1,420	10		4,762,806	
22 Tobacco, cigars.	12	16	13	359	771	394	5,628		3	(4)	3	(4)	3	3	2	1	29,109
23 All other industries*.	74	7,183	31									6,281	5,304	902	6	9	65,906,234

* All other industries embrace—
 Artificial flowers.

Artificial stone products.

Artists' materials, crayons.

Awnings, tents, and sails.

Boot and shoe cut stock.

Brick and terra-cotta products.

Carriage and wagon materials.

Cars and general shop construction and repairs by electric-railroad companies.

Cars and general shop construction and repairs by steam-railroad companies.

Cleaning preparations.

Clothing, men's, contract work.

Coal-tar products.

Dyeing and finishing textiles, exclusive of that done in textile mills.

Dye-stuffs and extracts—natural.

Electrical machinery, apparatus, and supplies.

Electroplating.

Food preparations, macaroni, noodles, and sweetening sirups, other than cane.

Foundry and machine-shop products, machine shops.

Furnishing goods, men's.

Gas and electric fixtures.

Gas, illuminating and heating.

^a Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).

^b Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—NEW YORK.

1087

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.									POWER.								
Salaries and wages.			Rent and taxes.			For materials.			Value of products.	Value added by manufacture.	Primary horsepower.						Electric horsepower generated in establishments reporting.
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Total.			Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹	Rented. ²		

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Dollars. 10,156	Dollars. 1,788	Dollars. 108,201	Dollars. 7,714	Dollars. 5,792	Dollars. 547	Dollars. 365,176	Dollars. 2,049	Dollars. 708,757	Dollars. 340,632	32							1.	
10,433	979	42,302		7,360	7,651	181,233	4,350	373,110	187,527	59			20		39		2	
234,845	216,118	347,917		11,922	170,095	2,701,392	57,295	5,341,378	2,582,601	1,829	615	400			814	354	3	
202,529	505,235	760,190		20,049	83,790	4,691,286	41,085	6,864,525	2,131,254	864	778				86	727	4	
16,701	13,842	19,993		5,477	3,274	131,088	301	250,329	118,940	3					3		5	
9,810	2,680	55,134		12,288	375	103,641	4,448	257,409	149,320	98			25		73		6	
50,806	53,114	191,306		35,087	11,770	8,928	113,685	9,348	615,514	487,481	191			14		177		7
12,598	10,684	34,532		1,000	1,005	1,400	150	95,578	94,028	4			4				8	
38,208	42,430	191,306		555	10,770	7,923	117,285	9,198	519,936	393,453	187			10		177		9
375,101	252,869	1,513,170	1,068,773	61,186	747,054	6,999,310	41,253	12,655,415	5,614,852	1,300	608	2			600	130	10	
366,300	253,390	2,649,796	60,247	4,000	699,316	4,772,228	271,180	10,761,168	5,717,760	2,199	1,960				239	1,300	11	
210,127	199,802	713,786	17,089	40,769	45,443	1,084,539	35,313	4,068,968	2,079,116	1,281			376		905	80	12	
113,745	29,695	1,102,933		36,825	697,032	1,104,148	6,234	3,648,556	2,538,174	113	85				28	8	13	
8,303	4,230	26,986		1,021	22,740	2,352		69,261	44,169	63			33		30		14	
6,500	1,250	31,251	5,038	5,277	263	34,331	1,065	131,182	95,786	19					19		15	
251,027	218,704	190,652	2,668	8,397	32,080	1,899,668	31,880	3,278,857	1,347,311	349	189		10		150	20	16	
1,800	2,392	15,882		6,880	1,000	65,085	1,436	99,443	32,922	42					42		17	
4,628,112	4,248,562	32,811,345	138,056	584,949	6,054,293	128,642,465	11,480,935	222,901,754	82,778,354	65,547	30,837	15,666	648	100	18,296	15,522	15	

House-furnishing goods, not elsewhere specified	2	Mirrors, framed and unframed, not elsewhere specified	1	Printing and publishing, music	1	Steam fittings and steam and hot-water heating apparatus	1
Ink, printing	2	Models and patterns, not including paper patterns	3	Rubber tires, tubes, and rubber goods, not elsewhere specified	5	Steam packing	1
Instruments, professional and scientific	13	Musical instruments and materials, not specified	4	Saddlery and harness	1	Steel barrels, drums, and tanks, portable	1
Iron and steel, doors and shutters	1	Musical instruments, organs	1	Sausage, not made in slaughtering and meat-packing establishments	1	Stencils and brands	1
Iron and steel, forgings, not made in steel works or rolling mills	1	Musical instruments, pianos	1	Saws	1	Sugar, refining, not including beet sugar	1
Ivory, shell, and bone work, not including combs and hairpins	2	Musical instruments, piano materials	2	Shipbuilding, steel	2	Surgical appliances	1
Jewelry and instrument cases	2	Optical goods	1	Shipbuilding, wooden, including boat building	7	Suspenders, garters, and elastic woven goods	1
Lamps and reflectors	2	Paper and wood pulp	1	Shirts	9	Tinware, not elsewhere specified	1
Lapidary work	1	Paper goods, not elsewhere specified	6	Show cases	3	Vault lights and ventilators	1
Liquors, malt	1	Paving materials	1	Signs, other than electric	5	Wall plaster and composition flooring	1
Lithographing	2	Petroleum, refining	1	Slaughtering and meat packing	1	Watch and clock materials, except watchcases	1
Lumber and timber products	1	Photographs and graphophones	2	Smelting and refining copper	1	Window and door screens	1
Machinery tools	1	Photographic apparatus	3	Smelting and refining, not from the ore	1	Wirework, not elsewhere specified	2
Malt	1	Photographic materials	2	Soap	2	Wood preserving	1
Matches	1	Pickles, preserves, and sauces	7	Springs, steel, automobile	1	Wooden goods, not elsewhere specified	1
Mattresses and spring beds, not elsewhere specified	4	Pipes, tobacco	6	Stationery goods, not elsewhere specified	2	Woolen goods	1
		Plumbers' supplies, not elsewhere specified	1	Statuary and art goods	2		

2,073,136	2,559,510	24,606,065	209,013	141,754	2,509,930	53,494,255	2,007,727	103,890,099	48,397,117	37,011	21,866	629	752	3	13,761	8,192	1.
389	7,568			1,200	63	9,458	528	23,624	13,638	6					6		2
13,550	4,467	72,644		8,540	1,840	50,150	5,347	163,573	108,076	67					67		3
9,455	23,673	320,521		23,126	17,649	1,137,493	39,273	1,844,262	667,491	185					185		4
	120	8,091		1,320	295	9,557	630	20,494		35					35		5
17,580	580	103,906	323	6,760	166	58,734	2,503	224,717	163,480	34					34		6
14,620	580	48,038	323	3,980		54,924	1,364	154,118	97,830	11					11		7
2,960		55,838		2,800	166	8,810	1,139	70,599	65,650	23					23		8
	600	19,614		5,091	235	81,203	1,744	141,351	58,404	64					64		9
		7,914		1,980	217	30,042	1,069	49,209	18,098	6					6		10
	600	11,700		3,111	18	51,161	675	92,142	40,306	58					58		11
4,000	1,380	41,372	4,641	202	53,146	3,570	169,509	107,793	82						82		12
11,060	1,720	41,329		5,200	11,964	31,778	192,061	148,319	723	719					723		13
7,880	6,670	184,615		23,704	561	106,141	46,957	440,366	287,268	1,737	1,600	22			177		14
		18,306			750	185	30,605	150	55,985	25,230	3				3		15
1,560	10,231	29,125	151	1,290	627	112,715	13,067	197,497	71,715	96	90				6		16
1,541	730	14,630		1,470	349	46,741	1,832	64,533	31,629	25					25		17
16,374	18,304	60,388	1,560	3,284	1,149	74,453	4,525	223,486	144,508	97					3	94	19
365,867	980,081	14,263,928	1,151,673	1,698	833,549	8,526,346	324,194	30,300,293	21,449,753	15,365	4,850	150	550		9,815	822	20
206,405	57,086	2,183,171		5,604	110,016	1,836,018	46,018	6,444,741	4,562,705	2,012	335	25			1,652		21
		2,649	55,306	1,508	4,054	12,762	387	30,403	17,254								22
1,417,883	1,453,479	7,210,056	55,306	50,868	1,521,005	41,299,448	1,484,636	63,252,462	20,468,378	16,392	14,272	479	148		1,493	7,370	23

Gold, leaf and foil	1	Oil, linseed	1	Rubber tires, tubes, and rubber goods, not elsewhere specified	1	Structural ironwork, not made in steel works or rolling mills	1
Hats, wool-felt	1	Oilcloth and linoleum, floor	1	Sausage, not made in slaughtering and meat-packing establishments	1	Surgical appliances	1
Instruments, professional and scientific	1	Optical goods	3	Signs and advertising novelties	1	Tobacco, smoking	1
Jewelry and instrument cases	1	Paints	1	Silk goods	1	Toys, not elsewhere specified	2
Liquors, malt	2	Paper goods, not elsewhere specified	1	Soap	1	Toys and games	1
Minerals and earths, ground or otherwise treated	1	Patent and proprietary compounds, including compounds not elsewhere specified	3	Statuary and art goods	1	Varnishes	2
Oil, lard	1						

^a Same number reported for one or more other months.^b Same number reported throughout the year.

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					
		Total.	Propri- tors and firm mem- bers, super- intend- ents, and man- agers.	Clerks, etc.		Wage earners.				Total,	16 and over.		Under 16.		Capital.
				Male.	Female.	Aver- age num- ber.	Number, 15th day of—	Maximum month.	Minimum month.		Male.	Female.	Male.	Female.	
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.															

1	NIAGARA FALLS—All industries.	186	14,615	140	636	980	621	12,238	Ja	12,902	Jo	11,457	12,857	11,254	1,531	47	26	Dollars. 92,185,980	
2	Artificial stone products.	3	8	1	2	—	—	5	Oc	13	Mh	3	16	16	—	—	—	23,778	
3	Automobile repairing.	21	100	19	8	2	9	62	Au	65	Fo	58	64	64	—	—	—	203,820	
4	Bread and other bakery products.	17	111	20	1	9	9	72	Au	78	Ja	67	78	71	0	1	—	372,140	
5	Chemicals.	14	4,647	—	203	349	126	3,069	Ja	4,600	My	3,687	3,861	3,763	94	4	—	48,502,312	
6	Confectionery and ice cream.	3	17	3	4	—	—	9	Jy	20	Fo	4	5	5	—	—	—	53,767	
7	Copper, tin, and sheet-iron work.	6	25	9	—	—	—	15	De	23	Ap	11	23	23	—	—	—	48,426	
8	Electrical machinery, apparatus, and supplies.	8	2,053	1	112	89	119	1,732	Ja	2,188	No	1,435	1,578	1,302	209	5	2	6,815,188	
9	Foundry and machine-shop products.	11	317	13	17	9	12	206	My	287	Ja	240	284	200	15	—	—	1,671,850	
10	Jewelry.	3	10	4	—	—	—	1	Au	6	De	2	6	6	—	—	—	10,620	
11	Lumber, planing-mill products, not including planing mills connected with sawmills.	5	134	—	10	3	3	118	Au	130	Ap	107	115	115	—	—	—	600,911	
12	Marble and stone work, except slate.	3	17	3	1	—	—	13	No	18	Mh	9	13	13	—	—	—	50,425	
13	Mineral and carbonated waters.	7	18	11	2	1	—	4	(4)	4	(4)	4	4	4	—	—	—	30,020	
14	Paper and wood pulp.	5	452	—	21	9	7	415	De	588	My	315	588	582	6	—	—	5,984,761	
15	Printing and publishing; job printing.	11	52	13	5	2	6	26	No	28	Au	24	27	22	3	1	1	165,412	
16	Tobacco, cigars.	5	25	5	—	1	—	19	Au	19	De	18	19	13	6	—	—	22,088	
17	All other industries*.	64	6,620	38	250	506	327	5,508	—	—	—	—	6,176	4,926	1,102	36	22	—	32,480,452

* All other industries embrace—	Boxes, set-up paper boxes.	1	Cheese.	1	Flour-mill and gristmill products.	3
Aluminum ware.	Brass and bronze products.	1	Cleansing and polishing preparations.	1	Food preparations, not elsewhere specified.	4
Artificial limbs.	Carpets, rag.	1	Cooperage, hogsheads and barrels.	1	Furniture, rattan and willow.	1
Automobile bodies and parts.	Cars and general shop construction and repairs by electric-railroad companies.	1	Corsets.	1	Gas, illuminating and heating.	1
Awnings, tents, and sails.	Cars and general shop construction and repairs by steam-railroad companies.	1	Dental goods.	1	Grease and tallow, not including lubricating greases.	1
Bookbinding and blank-book making.	Cars and general shop construction and repairs by steam-railroad companies.	1	Electroplating.	2	Haircloth.	1
Boots and shoes, not including rubber boots and shoes.	Cars and general shop construction and repairs by steam-railroad companies.	1	Grimery and other abrasive wheels.	1	Hardware, saddlery.	1

1	ROCHESTER—All industries.	1,367	77,252	1,056	3,220	4,763	4,412	63,792	De	70,442	Ja	58,569	71,248	49,487	21,007	384	280	273,320,038
2	Artificial stone products.	8	56	4	5	2	—	45	Oc	57	Fo	27	60	60	—	—	—	232,995
3	Automobile bodies and parts.	16	386	12	17	13	13	331	De	306	Ja	270	396	245	144	2	5	828,281
4	Automobile repairing.	20	168	13	16	6	6	127	Au	135	Ja	117	127	127	—	—	—	289,154
5	Awnings, tents, and sails.	3	65	—	9	7	3	46	Jo	62	Ja	37	42	30	12	—	—	208,693
6	Baskets, and rattan and willow ware.	11	27	11	—	—	—	16	So	18	Fo	14	17	7	10	—	—	34,375
7	Bookbinding and blank-book making.	6	234	0	9	21	29	169	De	185	Fe	158	182	125	51	3	3	875,854
8	Boot and shoe findings.	8	122	5	6	4	2	105	No	123	Ja	83	115	87	28	—	—	257,351
9	Boots and shoes, not including rubber boots and shoes.	48	7,752	27	231	257	303	6,934	Au	7,312	Ap	6,507	7,117	3,907	2,021	142	87	18,427,096
10	Boxes, cigar.	3	12	3	—	—	—	9	Do	11	Jy	8	11	6	5	—	—	17,800
11	Boxes, paper and other, not elsewhere specified.	22	1,253	18	55	15	40	1,180	—	—	—	—	1,314	457	830	3	24	2,432,747
12	Set-up paper boxes.	17	1,209	10	47	15	38	1,099	De	1,223	Ja	1,022	1,203	431	805	3	24	2,323,829
13	Shipping containers, cartons, paper cans, and tubes.	5	44	3	8	—	2	31	De	44	So	23	51	28	25	—	—	108,018
14	Brass and bronze products.	8	202	0	25	3	8	160	No	198	My	125	190	100	—	—	—	512,588
15	Bread and other bakery products.	156	896	151	29	78	51	587	De	650	Ja	527	654	567	85	2	—	4,027,450
16	Brooms, from broom corn.	5	65	5	2	—	—	58	No	61	Ap	56	60	58	2	—	—	124,450
17	Brushes.	4	26	3	4	1	—	18	Je	21	De	15	15	9	6	—	—	105,274
18	Buttons.	4	1,834	—	25	122	187	1,500	No	1,735	De	1,367	1,728	770	913	20	16	3,197,038
19	Carpets, rag.	3	15	1	2	1	—	11	De	11	No	10	11	8	3	—	—	8,200
20	Carriages and sleds, children's.	4	25	2	2	1	—	20	Jy	21	Fo	17	20	19	1	—	—	33,013
21	Carriages and wagons, repair work only.	3	10	3	—	—	—	7	De	7	Au	5	7	7	—	—	—	32,559
22	Cars and general shop construction, and repairs by steam-railroad companies.	4	454	—	10	21	—	423	Mh	439	Ja	401	436	430	—	—	—	188,193
23	Clothing, men's.	137	10,194	184	209	394	307	9,100	De	8,112	Ja	5,502	10,902	4,951	5,937	46	58	32,816,533
24	Regular factories.	40	7,568	62	187	392	296	6,631	De	2,837	Mh	2,108	8,111	3,751	4,208	42	50	31,956,941
25	Contract work.	97	2,026	122	22	2	11	2,469	De	2,837	—	2,881	1,200	1,669	4	8	—	859,592
26	Clothing, women's.	14	184	22	3	11	6	142	—	—	—	189	45	143	—	1	—	106,785
27	Regular factories.	11	120	17	3	11	6	83	—	—	—	96	7	88	—	1	—	101,285
28	Suits, skirts, and cloaks.	3	12	3	—	1	—	8	De	11	So	7	11	5	6	—	—	8,700
29	All other.	8	108	14	3	11	5	75	So	87	Fo	58	85	2	82	—	1	92,535
30	Contract work.	3	64	5	—	—	—	50	De	93	Fo	25	93	38	55	—	—	5,900
31	Coffee and spice, roasting and grinding.	6	383	5	10	31	20	317	Au	377	Ja	263	341	182	150	—	—	1,523,188
32	Confectionery and ice cream.	38	673	33	41	39	24	536	—	—	—	572	285	286	—	1	—	2,103,907
33	Confectionery.	27	516	21	28	34	18	415	No	507	Ap	340	465	190	275	—	—	1,479,122
34	Ice cream.	11	157	12	13	5	6	121	Jo	183	Ja	81	107	95	11	—	1	92,185
35	Cooperage, hogsheads and barrels.	3	67	4	3	2	1	57	Oc	71	De	44	40	44	2	—	—	145,023
36	Copper, tin, and sheet-iron work.	36	355	35	23	7	18	272	De	355	Ap	215	314	314	—	—	—	894,095
37	Cutlery and edge tools.	4	55	3	1	3	2	40	Jy	48	Ja	44	45	45	—	—	—	101,653
38	Dental goods.	3	33	5	—	—	—	2	De	29	Ja	21	28	25	2	1	—	54,615
39	Druggists' preparations.	4	74	3	13	17	8	33	No	36	De	31	31	19	12	—	—	325,980
40	Electrical machinery, apparatus, and supplies.	12	4,390	3	297	237	188	3,665	De	4,342	Fo	3,186	4,342	3,728	593	12	9	20,213,897

MANUFACTURES—NEW YORK.

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COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.									POWER.								
Salaries and wages.			Rent and taxes.			For materials.			Value of products.	Value added by manufacture.	Primary horsepower.						Electric horse-power generated in establishments reporting.
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Total.		Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water-power. ¹	Rent-ed. ²			

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Dollars, 2,232,078	Dollars, 2,275,609	Dollars, 15,574,489	Dollars, 134,733	Dollars, 156,188	Dollars, 3,103,101	Dollars, 45,636,374	Dollars, 5,423,992	Dollars, 89,247,170	Dollars, 38,180,804	60,319	2,645	64	2,500	55,110		1
1,646	4,209	220	310	6,804	131	20,288	13,353	4	2	2						2
13,456	13,287	91,838	13,686	1,210	152,053	6,855	335,522	176,994	124	10						3
6,000	24,127	104,054	6,138	1,906	454,911	16,811	753,720	281,998	123							4
714,290	692,176	5,622,323	19,280	23,442	1,654,849	13,357,550	4,039,535	30,831,880	13,434,705	21,695	150	3	21,542			5
7,080	1,275	10,209	2,148	5,439	80,520	874	125,731	47,337								6
380,029	223,512	2,050,430	736	157	563	47,312	401	86,681	33,948							7
			2,010	108,384	4,682,792	219,256	8,375,075	3,473,027	5,531							8
65,124	21,048	351,270	9,138	4,754	25,211	370,423	19,640	1,006,275	607,212	.679						9
	465	6,044		985		4,307		15,545	.11,000	8						10
40,020	7,094	151,350		2,437	8,950	367,865	6,746	626,515	251,904	315						11
1,680	20,953		385	739	26,103	921	70,970	43,946	15							12
4,000	4,015		2,180	1,015	53,205	659	89,581	35,718	13							13
101,456	23,707	557,453	2,701	59,581	1,610,394	292,638	2,674,055	771,923	13,042	1,905		2,000	9,047			14
9,739	7,108	27,018	1,740	3,002	1,053	50,196	1,979	134,486	82,311							15
	735	19,027	180	720	8,088	40,069	150	86,298	46,079							16
907,548	1,260,243	6,531,541	103,659	91,223	1,225,797	24,322,870	817,159	44,010,368	18,870,339	18,069	500	44	500	17,625		17

Hats and caps, other than felt, straw, and wool.	Liquors, malt.	Paper goods, not elsewhere specified.	Sausage, not made in slaughtering and meat-packing establishments.
Ice, manufactured.	Looking-glass and picture frames.	Patent and proprietary compounds, including compounds not elsewhere specified.	Slaughtering and meat packing.
Ink, printing.	Mirrors, framed and unframed, not elsewhere specified.		Stamped ware.
Iron and steel forgings, not made in steel works or rolling mills.	Models and patterns, not including paper patterns.	Plated ware, knives, forks, spoons, and other flatware.	Structural ironwork, not made in steel works or rolling mills.
Iron and steel, welding.	Needles, pins, and hooks and eyes.	Printing and publishing, newspapers and periodicals.	Tools, not elsewhere specified.
Knit goods.	Oil, vegetable.		Wall paper, not made in paper mills.
Leather goods, not elsewhere specified	Optical goods.		

11,763,858	13,118,793	69,246,137	4,090,277	1,343,531	15,245,899	159,026,320	5,256,734	351,416,379	187,133,325	93,333	38,028	4,095	614	1,691	48,905	22,766	1
7,498	1,938	49,350		570	1,096	54,113	3,441	155,358	97,804	100			2		98	2	
68,878	25,298	273,842	6,264	50,718	7,394	521,958	18,975	1,124,234	583,301	258					258	3	
30,370	8,540	163,782		30,714	1,797	300,695	11,099	717,339	345,545	72			2		70	4	
30,947	11,434	36,178	165	2,100	4,223	111,861	1,859	223,412	109,692	11					11	5	
		13,290	13,491	1,136	1,048	26,837	635	70,137	42,065	2					2	6	
59,588	51,204	165,123		16,129	39,404	394,688	5,237	955,734	565,811	80					80	7	
39,575	5,495	80,777		8,808	13,741	355,275	3,015	592,347	234,057	107					107	8	
891,870	1,403,838	6,770,757	12,812	104,890	828,181	20,451,334	114,307	35,912,227	15,346,586	3,047	935				2,112	624	9
5,209	50	8,126		589	10,037	10,322				17			17		302	10	10
221,069	80,584	780,729	22,785	55,070	71,027	1,377,729	29,569	3,354,340	1,947,042	684	375		7		322	11	11
196,890	77,801	764,787	22,785	49,712	70,809	1,321,234	28,522	3,222,515	1,872,750	624	375				249	322	12
24,170	2,783	24,942		5,358	218	50,495	1,047	131,825	74,283	60			7		53		13
83,242	16,040	180,059	7,000	9,548	25,666	558,931	23,142	944,227	362,154	233	100				133	40	14
76,904	157,617	760,509	12	60,008	48,418	4,079,797	111,285	6,402,279	2,211,197	1,297			5		1,292		15
2,750		53,001		224	414	129,209	2,473	213,090	81,408	31					31		16
20,900	520	19,846		3,952	5,863	177,263	538	254,062	76,271	14					14		17
88,337	420,864	1,167,767	16,020	16,217	86,701	1,236,616	69,545	3,801,720	2,495,564	1,720	100				1,530		18
2,300	558	5,741		2,300	185	3,284	265	18,030	12,481	14			6		8		19
6,000	2,000	31,652		1,560	59	39,165	1,300	98,193	57,728	14					14		20
		8,251	1,624	814	370	8,858	803	26,207	16,641	27			2		25		21
29,160	35,225	672,505			1,509	303,321	20,680	1,065,115	741,114	849	745				104	105	22
954,623	1,412,938	9,694,628	3,202,135	121,659	449,557	20,507,100	109,737	40,301,863	19,774,976	1,317	570		3		744	107	23
910,533	1,399,195	7,048,484	3,085,584	106,500	441,789	20,431,900	70,780	37,028,612	16,525,952	1,052	570		3		479	107	24
44,090	13,743	2,646,144	116,551	15,159	7,768	75,200	39,027	3,303,251	3,249,024	265					265		25
2,813	8,008	130,080	4,920	6,960	424	129,469	2,536	524,740	392,735	22					22		26
2,813	8,008	54,201	821	6,435	321	128,369	1,379	417,035	287,287	16					16		27
	900	9,150		1,007	321	30,476	275	58,850	28,090	3					3		28
2,813	7,108	45,141	821	5,428	391	97,803	1,104	358,185	259,188	13					13		29
		81,798	4,099	525	103	1,100	1,157	107,705	105,448	6					6		30
53,670	60,605	292,250		4,521	59,880	2,865,450	15,257	3,517,143	633,436	838					838		31
177,684	91,122	447,280		48,706	275,543	1,886,751	37,425	3,798,109	1,873,933	644	30				614		32
130,604	76,423	354,565		32,924	229,984	1,270,342	28,753	2,507,834	1,250,730	485	30				455		33
47,080	14,694	92,715		15,782	45,559	607,409	8,672	1,230,275	614,194	159					159		34
14,819	5,454	59,117		50	1,915	215,903	4,746	305,431	84,782	175	150				150		35
94,555	22,077	298,156	9,850	10,851	13,010	542,207	10,634	1,314,173	761,282	146	10				111		36
1,560	4,722	50,424		960	1,917	43,612	7,225	132,688	81,551	395	175				45		37
	2,080	44,300		1,320	620	74,819	602	135,072	59,651	15					15		38
40,645	43,089	31,406		2													

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY.										WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					
		Propri- tors and firm members.	Salari- ed offi- cers, super- inten- dents, and managers.	Clerks, etc.		Wage earners.						Total.	15 and over.		Under 16.		Capital.
				Male.	Female.	Aver- age num- ber.	Number, 15th day of—		Maximum month.	Minimum month.	Male.		Female.	Male.	Female.		

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

1 ROCHESTER—Con.	11	218	6	21	19	17	155	De	164	Ap ³	149	164	162	2	.....	Dollars.	
2 Flour-mill and gristmill products....	9	82	15	4	3	4	96	.....	.....	.....	.....	58	46	12	.....	1,363,446 327,475
Food preparations, not elsewhere specified.																		
3 Macaroni, vermicelli, and noodles	5	58	13	2	2	1	42	Ap	47	Au	3	45	42	3	.....	295,820	
4 Sweetening syrups, other than cane, and other preparations for human consumption.	4	24	2	4	1	3	14	Oc ³	16	Mh ³	12	13	4	9	.....	31,627	
5 Foundry and machine-shop products	80	5,767	28	325	315	243	4,856	De	4,389	Fe	3,183	4,386	5,508	132	4	1	29,729,061	
6 Machine shops.....	69	4,272	28	222	203	193	3,624	De	4,389	Fe	3,183	4,260	121	4	1	13,371,679		
7 Boiler shops, foundries, and machine shop and foundry combined.	11	1,495	.....	103	110	90	1,232	Ja	1,471	My	927	1,233	1,248	15	.....	7,357,382
8 Fur goods.....	9	172	6	12	11	17	126	De	152	Jy	107	152	67	85	.....	313,758	
9 Furniture.....	32	3,076	20	107	354	245	2,350	De	2,501	Ap	2,047	2,615	2,347	263	5	7,500,918	
10 Wood furniture, other than rattan and willow.	21	2,945	8	98	349	243	2,247	De	2,501	Ap	2,047	2,501	2,235	261	5	7,324,635	
11 Rattan and willow furniture.....	4	26	6	1	1	1	18	De	21	Je ³	17	21	21	21	.....	40,963	
12 Metal furniture and store and office fixtures.....	7	105	6	8	4	2	85	Oc ³	96	Ja	52	93	91	2	.....	225,417	
13 Glass, cutting, staining, and ornamenting.	9	84	5	7	12	3	57	No	68	Ap ³	48	66	62	3	1	454,644	
14 Hand stamps.....	4	17	5	22	5	1	11	My	13	Je ³	10	12	10	1	1	26,567	
15 Hardware.....	8	415	5	22	19	364	De	393	Ja	341	461	429	20	2	.....	589,566	
16 Hats and caps, other than felt, straw, and wool.	5	15	5	.....	.....	10	No ³	11	Ap ³	9	16	7	3	.....	14,902	
17 Ice, manufactured.....	4	120	9	13	1	97	Au	129	Fe	68	98	95	98	.....	662,906		
18 Jewelry.....	7	58	9	6	6	32	De	45	Ja	22	45	35	8	2	.....	58,654	
19 Lamps.....	4	83	9	2	4	68	My	88	Ja	46	106	81	25	.....	184,930		
20 Liquors, malt.....	6	446	27	38	19	362	Au	423	Mh	311	335	335	.....	5,869,663			
21 Looking-glass and picture frames.....	4	145	3	4	7	2	129	No ³	149	Ja	74	145	126	18	1	328,363	
22 Lumber, planing-mill products, not including planing mills connected with sawmills.	20	603	12	41	35	15	500	De	567	Ap	434	569	567	1	1	3,082,438	
23 Machine tools.....	7	577	1	26	14	27	509	De	673	Mh	392	673	672	1	.....	2,357,829	
24 Marble and stone work, except slate.	8	67	9	7	5	3	43	Se ³	52	Fe	28	48	48	.....	209,665		
25 Mattresses and spring beds, not elsewhere specified.	5	68	1	9	9	.....	49	Au	57	Ja	34	56	46	10	.....	130,847
26 Mineral and soda waters.....	12	64	11	4	7	2	40	Au	52	Ja ³	32	39	34	2	3	227,360	
27 Models and patterns, not including paper patterns.	10	70	12	2	1	55	No	74	Fe	42	70	68	1	1	74,310	
28 Optical goods.....	12	5,031	3	74	391	524	4,039	Ja	4,577	Se	3,808	3,972	2,918	1,008	35	11	9,744,952	
29 Patent medicines and compounds.....	21	227	11	33	71	22	90	.....	.....	.....	89	66	23	.....	304,672	
30 Patent and proprietary medicines.....	11	29	7	8	1	2	11	Au ³	12	My ³	10	11	3	8	.....	44,326	
31 Patent and proprietary compounds, including compounds not elsewhere specified.	10	103	4	25	70	20	79	No ³	86	Ap ³	75	75	63	15	.....	260,346	
32 Perfumery and cosmetics.....	13	147	9	13	13	19	93	No	125	Ja	71	109	24	84	1	316,567	
33 Photographic apparatus.....	5	893	30	17	51	795	De	930	Ja	683	924	639	252	19	14	2,513,323	
34 Printing and publishing, book and job.	96	1,075	76	87	111	197	604	De	679	Ja	577	699	479	193	25	2	3,893,727
35 Printing and publishing, newspapers and periodicals.	20	962	5	35	56	80	786	Ja	806	De	764	686	78	.....	4,012,961		
36 Saddlery and harness.....	6	29	7	3	3	.....	16	My ³	17	De ³	11	15	15	.....	75,586	
37 Sausage, not made in slaughtering and meat-packing establishments.	12	58	13	4	5	.....	36	Se	33	Ja	29	37	34	3	.....	165,567
38 Shirts.....	8	16	5	.....	1	1	9	De	10	No ³	9	10	1	9	.....	14,013
39 Signs and advertising novelties.....	7	825	5	42	53	84	641	De	778	Jy	564	78	356	402	9	11	1,211,881	
40 Stereotyping and electrotyping.....	5	33	3	8	2	2	23	De	31	Fe	14	31	31	.....	116,013		
41 Stoves and hot-air furnaces.....	3	521	25	40	25	41	431	De	523	Ja	290	523	521	2	.....	2,080,760	
42 Structural ironwork, not made in steel works or rolling mills.	6	175	3	19	5	3	145	Jy	170	Ap	127	162	162	.....	467,064		
43 Tobacco, cigars.....	52	283	50	12	5	2	214	De	232	Ja	196	236	181	55	.....	332,635	
44 Tools, not elsewhere specified.	21	248	18	22	5	7	196	Au	226	Ja	155	219	218	1	.....	490,509	
45 Toys and games.....	4	15	3	1	.....	2	9	De	14	Ap ³	5	14	8	6	.....	13,864
46 Trunks and valises.....	5	264	1	11	30	14	208	De	236	Ja	183	236	203	29	3	1	845,002	
47 Typewriters and supplies, carbon paper and ribbon.	9	382	3	17	133	113	116	No	122	Fe	111	127	110	17	.....	1,315,414	
48 Washing machines and clothes wringers.	3	56	6	4	6	40	De	63	Ja ³	23	63	63	.....	239,029			
49 Wirework, not elsewhere specified.	5	50	2	8	2	.....	38	Oc ³	43	Fe	27	37	32	5	.....	130,909
50 Wood, turned and carved.....	3	13	5	.....	8	Se ³	10	Oc	5	.....	6	6	6	.....	14,900	
51 All other industries*.....	183	23,614	93	1,073	1,656	1,403	19,389	.....	.....	.....	21,312	15,079	6,161	37	35	109,235,157

*All other industries embrace—
 Aluminum manufactures.....
 Artificial limbs.....
 Artists' materials, crayons.....
 Asbestos products, building materials.....
 Automobiles.....
 Bags, other than paper, not including bags made in textile mills.....
 Bags, paper, exclusive of those made in paper mills.....
 Baking powders.....
 Belting and hose, other than leather and rubber.....
 Belting, leather.....
 Billiard tables and accessories.....
 Blacking, stains, and dressings.....
 Bluing.....
 Boot and shoe cut stock.....
 Boxes, wooden packing, except cigar boxes.....
 Brick and tile, sewer pipe and drain tile.....
 Butter.....
 Canning and preserving, fruits.....
 Card cutting and designing.....
 Carriage and wagon materials.....
 Cars and general shop construction and repairs by electric-railroad companies.....
 Cash registers and parts.....
 Chewing gum.....
 China decorating, not including that done in potteries.....
 Cleaning and polishing preparations.....
 Clothing, men's, buttonholes.....
 Coal-tar products.....
 Coffins, burial cases, and undertakers' goods.....
 Collars and cuffs, men's.....
 Corsets.....
 Dairymen's and poultrymen's supplies.....
 Collars and cuffs, men's.....
 Cordials and flavoring sirups.....
 Drug grinding.....
 Dyeing and finishing textiles, exclusive of that done in textile mills.....
 Engines, steam, gas, and water.....
 Fancy articles, not elsewhere specified.....
 Fireworks.....
 Furnishing goods, men's, neckware.....
 Gas, illuminating and heating.....
 Glass.....
 Glue, other than fish, not elsewhere specified.....
 Grease and tallow, not including lubricating greases.....
 Hair work.....
 House-furnishing goods, feather pillows and beds.....
 Ink, writing.....
 Instruments, professional and scientific.....
 Iron and steel, blast furnaces.....

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—NEW YORK.

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COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.									POWER.						
Salaries and wages.			Rent and taxes.		For materials.		Value of products.	Value added by manufacturer.	Primary horsepower.			Owned.		Electric horse power generated in establishments reporting.	
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Federal, state, county, and local.	Principal materials.	Fuel and rent of power.		Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹		

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Dollars. 89,795	Dollars. 39,677	Dollars. 179,492	Dollars. 2,125	Dollars. 12,530	Dollars. 7,153,814	Dollars. 39,675	Dollars. 8,079,806	Dollars. 886,317	Dollars. 2,359	1,335	105	1,200	719	55	1	
8,180	12,193	49,074	1,632	5,033	310,027	10,703	5,586,214	256,484	165	.....	.....	.....	165	.....	2	
5,871	36,086	4,821	157,905	9,983	355,533	217,645	156	.....	.....	.....	.....	.....	156	.....	3	
8,180	6,322	12,988	1,632	212	161,122	720	200,681	35,839	9	.....	.....	.....	9	.....	4	
1,122,796	1,006,248	6,571,174	6,424	111,273	1,073,244	6,523,719	419,905	22,221,559	15,277,935	8,233	4,310	60	140	3,723	3,831	5
714,172	750,913	4,818,952	2,967	105,006	828,727	4,431,941	188,350	16,337,333	11,717,062	4,863	3,300	45	40	1,478	3,016	6
408,624	246,335	1,752,222	3,457	6,267	244,517	2,001,778	231,525	5,884,176	3,560,873	3,370	1,010	15	100	2,245	512	7
34,255	24,386	102,189	18,270	23,777	190,562	2,223	513,010	320,225	41	.....	.....	.....	.....	41	.....	8
487,956	813,675	2,514,274	36,574	110,035	370,251	3,456,387	80,726	9,704,890	6,231,782	7,570	6,745	.....	.....	825	2,230	9
470,177	805,494	2,396,460	817	101,771	369,600	3,208,119	83,492	9,343,303	5,921,637	7,395	6,745	.....	.....	650	2,230	10
1,404	848	19,053	156	82	30,515	474	73,469	42,450	.....	.....	.....	.....	.....	.....	11	
16,375	4,333	98,761	35,757	8,108	569	157,753	2,700	378,122	217,609	175	.....	.....	.....	175	.....	12
16,674	16,157	56,305	85	2,208	25,738	300,512	5,695	498,694	192,487	93	75	.....	.....	18	15	13
53,869	1,040	10,966	2,450	2,700	10,351	768	49,713	38,594	6	.....	.....	4	2	.....	14	
30,896	337,089	272	15,819	24,766	259,195	4,373	891,323	627,755	374	150	.....	0	215	.....	15	
13,267	1,267	1,496	10	42,382	387	72,748	29,979	7	.....	.....	7	.....	.....	7	.....	16
25,421	13,754	105,056	250	10,512	26,114	46,454	310,778	238,210	1,623	670	80	250	623	.....	17	
15,158	14,632	23,677	3,440	320	38,696	1,243	124,363	84,424	20	.....	.....	.....	20	.....	18	
21,133	3,470	49,913	3,446	1,312	174,892	3,189	278,357	100,276	174	125	.....	49	.....	49	.....	19
132,792	72,689	497,886	1,398	222	820,522	102,606	4,011,116	3,087,988	2,559	1,541	.....	1,015	.....	110	.....	20
14,500	17,036	125,663	3,720	3,315	62,037	3,451	354,597	259,409	181	.....	.....	181	.....	21	.....	21
144,353	80,172	523,633	14,579	64,521	798,583	42,329	1,869,200	1,028,345	2,703	1,875	120	.....	708	49*	22	
104,616	38,688	566,690	3,315	28,860	133,458	275,859	23,946	1,715,729	1,415,922	2,399	.....	.....	2,399	.....	23	
7,380	6,480	42,147	1,367	2,690	86,461	3,237	186,254	96,556	43	.....	.....	43	.....	43	.....	24
22,628	9,896	43,222	8,721	7,435	160,877	4,769	287,993	122,347	116	.....	.....	116	.....	116	.....	25
4,550	5,021	40,279	2,000	1,410	1,932	75,305	2,044	179,670	101,721	43	.....	.....	43	.....	26	
1,200	600	78,526	3,372	68	17,033	1,873	144,409	125,503	78	.....	.....	78	.....	78	.....	27
506,311	794,404	4,650,364	288	15,493	1,482,760	2,266,619	304,664	12,316,481	9,745,198	6,287	125	.....	6,162	.....	28	
62,457	69,676	39,047	3,782	6,631	8,271	212,174	2,583	508,049	383,292	91	.....	.....	91	.....	29	
6,321	2,409	8,181	3,782	2,034	1,833	38,437	124	147,048	109,087	5	.....	.....	5	.....	30	
56,136	67,267	30,866	3,547	6,438	173,787	2,459	450,401	274,205	58	.....	.....	58	.....	58	.....	31
47,488	82,924	62,653	16,108	6,664	364,051	2,235	920,185	553,899	59	.....	.....	59	.....	59	.....	32
113,697	51,688	711,932	5,567	57,649	642,947	20,675	1,896,720	1,233,098	440	250	.....	190	.....	234	.....	33
297,391	382,637	676,048	220,027	74,332	32,511	1,239,416	22,579	1,491,360	2,229,365	669	.....	.....	669	.....	34	
123,361	137,645	1,011,017	99,362	7,927	192,816	1,270,132	28,591	3,770,016	2,471,203	1,056	50	.....	140	866	.....	35
2,875	2,939	14,614	2,754	471	58,475	751	93,009	33,783	9	.....	.....	9	.....	36	.....	36
3,510	5,680	53,094	4,242	1,529	734,403	7,672	919,263	177,128	230	15	.....	6	.....	209	.....	37
2,040	6,734	1,068	8	12,517	272	30,939	18,150	3	.....	.....	3	.....	3	.....	38	
138,208	306,738	498,565	3,344	15,142	636,105	14,539	1,708,350	1,057,736	295	100	.....	195	.....	39	.....	39
8,940	2,308	23,627	3,820	109	21,005	3,272	121,633	97,406	248	.....	.....	248	.....	40	.....	40
94,863	76,649	529,620	35,812	500,185	42,777	1,794,044	1,191,052	635	180	.....	455	.....	50	41	.....	41
68,162	8,417	158,374	1,521	5,700	8,093	342,601	13,796	738,934	382,537	249	10	.....	239	.....	42	
30,597	9,234	189,454	11,605	71,111	220,138	2,517	644,002	421,347	6	.....	.....	6	.....	43	.....	43
53,673	6,350	262,907	2,313	9,010	8,292	76,735	6,697	527,194	443,702	180	.....	.....	180	.....	44	
1,620	141	5,600	933	37	10,999	84	20,554	9,471	6	.....	.....	6	.....	45	.....	45
59,613	98,604	211,152	5,755	26,914	1,405	256,243	6,412	1,223,039	690,334	86	60	.....	28	.....	46	
124,278	360,145	140,206	5,940	139,678	1,359,327	11,353	2,448,230	1,077,520	153	50	.....	103	.....	47		
11,403	7,141	39,813	1,272	1,530	62,532	2,392	156,144	91,220	48	.....	.....	48	.....	48	.....	48
19,124	2,730	48,519	30	1,750	1,580	85,428	1,528	192,691	105,735	27	.....	.....	27	.....	49	
3,854,437	4,000,249	21,422,833	308,201	195,821	7,507,996	65,497,371	3,195,147	143,149,416	74,456,898	35,394	15,504	3,360	157	15,843	13,750	51

Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills.	Mucilage, paste, and other adhesives, not elsewhere specified.	Printing materials.	2	Stationery goods, not elsewhere specified.	2
Knit goods.	1	Pumps, not including power pumps.	3	Statuary and art goods.	2
Lasts.	2	Pumps, steam and other power.	2	Stencils and brands.	1
Lead, bar, pipe, and sheet.	1	Refrigerators.	1	Surgical appliances.	1
Leather goods, not elsewhere specified.	1	Sand-lime brick.	2	Theatrical scenery.	1
Leather, tanned, curried, and finished.	2	Saws.	2	Tobacco, plug or chewing.	2
Lithographing.	1	Scales and balances.	1	Umbrellas and canes.	1
Millinery and lace goods, not elsewhere specified.	1	Screws, machine.	2	Upholstering materials, not elsewhere specified.	1
Minerals and earths, ground or otherwise treated.	2	Shipbuilding, wooden, boats under 5 tons.	1	Varnishes.	1
	2	Silk goods.	1	Vinegar.	1
	8	Slaughtering and meat packing.	2	Window shades and fixtures.	1
	1	Smelting and refining, not from the ore.	3	Wooden goods, not elsewhere specified.	3
	2	Pickles, preserves, and sauces.	1	Wooden shades and fixtures.	1
	1	Pipes, tobacco.	1	Wooden goods.	1
	2	Plated ware, hollow ware.	1	Wooden goods, not elsewhere specified.	3
	2	Plumbers' supplies, not elsewhere specified.	1	Woolen goods.	1
	2	Soda-water apparatus.	1	Woolen goods.	1
	2	Stamped ware.	3	Woolen goods.	1

^a Same number reported for one or more other months.

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Propri- etors and firm mem- bers	Salari- ed offi- cers, super- in- tend- ents, and man- agers	Clerks, etc.		Wage earners.		Total.	16 and over.		Under 16.		
					Male.	Female.	Average num- ber.	Number, 15th day of—		Male.	Female.	Male.	Female.	

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

1	SCHENECTADY—All industries.	131	28,023	119	998	3,947	1,897	21,062	Ja	22,039	Oc	20,261	21,507	18,077	3,332	95	3	102,121,177
2	Automobile repairing.	3	11	2				9	(2)	9	(3)	9	9	9				27,758
3	Bread and other bakery products.	35	252	38	3	6	11	194	Au	203	Ja	181	201	171	29	1		597,141
4	Lumber, planing-mill products, not including planing mills connected with sawmills.	3	68	2	4	4	2	56	Ja	61	Mh	49	59					458,179
5	Marble and stone work, except slate.	3	16	5	1	1	1	8	Oc	10	Ja	5	7	7				58,009
6	Mineral and carbonated wafers.	9	27	9	2	1		15	Au	21	Ja	12	14	14				127,754
7	Printing and publishing, newspapers and periodicals.	10	232	5	9	54	25	139	De	145	Ja	133	142	137	5			156,022
8	Sausage, not made in slaughtering and meat-packing establishments.	3	13	2	2		1	8	De	8	Au	6	8	7	1			54,990
9	Tobacco, cigars.	13	30	15				13	Je	17	Fe	13	23	23				18,096
10	All other industries*.	52	27,374	41	977	3,881	1,857	20,618					21,044	17,650	3,297	94	3	100,623,138

*All other industries embrace—	Cars and general shop construction and repairs by electric-railroad companies.	Copper, tin, and sheet-iron work.	Flour-mill and gristmill products.
Agricultural implements.	1	Electrical machinery, apparatus, and supplies.	Food preparations, macaroni, vermicelli, and noodles.
Artificial stone products.	1	Electroplating.	Gas, illuminating and heating.
Awnings, tents, and sails.	1	Engines, steam, gas, and water.	Gloves and mittens, leather.
Brooms, from broom corn.	1	Confectionery and ice cream.	Iron and steel welding.

1	SYRACUSE—All industries.	643	34,457	571	1,394	2,692	1,647	28,153	De	32,893	Ja	25,713	32,943	27,186	5,581	110	71	120,520,415
2	Artificial stone products.	9	136	5	14	12	3	102	Au	123	Ja	82	95	95				304,560
3	Automobile bodies and parts.	11	5,107	5	132	249	205	4,516	De	5,557	Je	4,092	5,423	5,260	158	5		14,630,348
4	Automobile repairing.	7	54	7	5	1	4	37	No	41	De	33	40	40				256,578
5	Awnings, tents, and sails.	3	28	4	2		1	21	Au	21	De	15	24	13	11			83,518
6	Bookbinding and blank-book making.	5	164	4	6	3	7	144	De	185	Fe	114	185	109	73	2		353,967
7	Boxes, set-up paper boxes.	4	274	2	12		6	254	Oc	270	Ja	243	269	64	159	10	6	401,238
8	Brass and bronze products.	7	78	4	11		2	61	Ja	72	Ja	54	67	67				330,543
9	Bread and other bakery products.	68	747	72	24	72	53	526	No	502	Fe	498	560	408	150	1	1	2,071,439
10	Candles.	5	513	3	27	17	36	430	No	464	Mh	397	453	168	274	4	7	3,440,576
11	Carriages and wagons, including repaired.	3	54	4	4	1	2	43	De	52	Fe	36	52	50	2			89,963
12	Clothing, men's.	22	1,008	26	26	49	42	925					1,133	351	769	2	11	2,357,405
13	Regular factories, men's, youths', and boys'.	15	1,017	17	26	49	42	883	De	1,053	Je	775	1,090	335	742	2	11	2,349,823
14	Contract work, men's, youths', and boys'.	7	51	9				42	De	43	Je	40	43	16	27			7,582
15	Clothing, women's.	6	257	7	10		11	229	Ap	266	Au	172	236	17	217	1	1	237,764
16	Confectionery and ice cream.	11	324	10	28	21	12	253	Ja	292	Ja	215	248	149	99			690,884
17	Cooperage, hogsheads and barrels.	3	12	5			7	De	7	No	6	6	7					21,993
18	Copper, tin, and sheet-iron work.	19	113	24	4	3	9	73	De	97	My	42	98	98				250,887
19	Dental goods.	5	8	5			2	3	De	4	No	3	4	3				14,120
20	Electroplating.	5	37	6	1		2	28	Oc	33	Ap	23	29	27	2			31,806
21	Engines, steam, gas, and water.	3	45	2	4		6	33	No	49	Mh	19	48	48				208,308
22	Engraving, steel and copper plate, including plate printing.	3	13	2			1	10	De	11	Se	9	10	2	8			9,525
23	Foundry and machine-shop products.	46	2,799	31	143	196	144	2,285					3,063	2,852	212	3	1	10,475,961
24	Boiler shops.	3	35	4	4	1	1	35	Ja	31	Jy	21	26	26				77,328
25	Foundries.	7	1,427	56	37	44	44	1,290	De	1,784	Je	441	1,784	1,589	192	2	1	4,746,202
26	Machine shops.	31	981	27	58	145	91	600	De	876	Fe	528	898	877	20	1		4,597,042
27	Machining shops and foundry combined.	5	356		25	13	8	310	Ja	364	My	159	360					1,055,379
28	Furniture, wood, other than rattan and willow, and store and office fixtures.	9	500	7	21	13	15	444	No	534	Ja	365	504	426	62	16		1,167,250
29	Iron and steel, welding.	3	11	4	1		3	3	De	5	Ja	2	5	5				8,491
30	Jewelry.	8	15	8			1	6	De	7	Oc	6	7	6				14,699
31	Knit goods.	4	500	2	15	13	13	457	Ja	507	My	380	501	90	401	1	9	1,254,666
32	Liquors, malt.	5	421	2	35	26	5	353	Ja	427	De	309	309	299	10			5,479,434
33	Lumber, planing-mill products, not including planing mills connected with sawmills.	10	226	6	23	14	9	174	De	209	Ja	148	209					1,169,511
34	Marble and stone work, except slate.	8	30	7	5	2	2	14	Oc	19	Ja	8	18	18				116,466
35	Mattresses and spring beds, not elsewhere specified.	4	92	1	6	9	4	72	Mh	80	Jy	65	73	58	15			317,621
36	Mineral and carbonated waters.	4	48	3	6	11	1	27	Ja	43	Fe	19	20					96,472
37	Models and patterns, not including paper patterns.	7	67	6	5	2	3	51	No	54	Mh	49	54	52	1	1		63,367
38	Patent medicines and compounds.	13	115	6	19	32	17	41										350,936
39	Patent and proprietary medicines.	7	70	3	8	19	10	30	Se	42	Ja	23	36	13	23			179,645
40	Patent and proprietary compounds, including compounds not elsewhere specified.	6	45	3	11	13	7	11	(3)	13	(2)	13	13	6	7			171,201
41	Pickles and sauces.	4	6	4	8	9	8	32	De	3	Ja	0	3	1	2			6,055
42	Plumbers' supplies, not elsewhere specified.	4	55	1	8	9	8	32	Oc	53	Fe	14	49	45		1		199,713

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—NEW YORK.

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COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.										POWER.							
Salaries and wages.					Rent and taxes.		For materials.		Value added by manufacturer.	Primary horsepower.				Electric horse-power generated in establishments reporting.			
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water-power. ¹	Rented. ²				

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Dollars. 2,898,816	Dollars. 7,312,015	Dollars. 28,316,016	Dollars. 53,803	Dollars. 62,282	Dollars. 4,708,063	Dollars. 43,497,651	Dollars. 2,333,746	Dollars. 106,531,182	Dollars. 60,679,785	114,102	11,405	45,093	26	46	57,533	59,000	1
14,840 11,000	11,989 8,702	281,188 82,059	360 4,739	55 812	4,450 5,025	823 347,307	19,321 1,982	14,048 549,322	16 200,033	262 162	.....	.....	.....	.....	16 100	262 10	2
2,000 1,950 41,268	1,435 1,000 74,501	12,899 14,261 158,021	3,500 2,930 17,445	710 1,810 21,283	16,994 27,365 149,493	1,903 1,136 5,094	64,483 70,959 673,377	45,496 42,458 518,790	65 69 189	.....	.....	.....	.....	.....	65 40	52 189	3
1,000	300	8,064	350	1,000	169	18,900	1,400	32,200	13,900	50	.....	.....	.....	.....	5	45	8
2,826,758	7,214,088	27,736,196	42,284	23,181	4,665,326	41,969,288	2,305,068	103,590,589	59,316,233	113,289	11,265	45,088	16	40	56,880	59,000	10

Knit goods.....	2	Paints.....	2	Sporting and athletic goods.....	1	Umbrellas and canes.....	1
Locomotives, not made by railroad companies.....	1	Patent and proprietary medicines.....	1	Steam packing.....	1	Varnishes.....	1
Lumber and timber products.....	1	Paving materials.....	1	Structural ironwork, not made in steel works or rolling mills.....	1	Vinegar and cider.....	1
Mattresses and spring beds, not elsewhere specified.....	2	Printing and publishing, job printing.....	7	Tobacco, chewing and smoking, and snuff.....	1	Wall plaster and composition flooring.....	1
		Shirts.....	1		1	Waste.....	1
		Soap.....	1		1	Wool shoddy.....	1

5,355,351	5,118,959	31,868,060	307,069	401,650	6,817,075	71,777,160	2,906,224	150,091,278	75,407,894	49,541	15,867	691	197	32,786	7,043	1
27,325 415,486	15,150 474,323	117,651 5,781,178	500 25,239	411 7,540	2,143 1,133,173	81,406 9,932,173	6,565 301,054	277,492 21,834,834	189,521 11,601,807	284 9,175	.....	.....	6	.....	278 3,845	2
7,740 4,435	3,598 3,004	47,890 15,425	5,390 2,108	2,021 204	35,760 59,572	2,171 1,016	137,744 100,080	99,813 39,472	48 11	.....	.....	4	.....	44 5	4	4
33,582 35,700	16,896 5,853	125,472 166,702	5,430 1,660	5,274 9,834	206,075 278,259	2,822 6,013	467,301 612,626	258,404 328,354	52 220	.....	.....	52	.....	52 61	6	6
32,474 76,533	1,786 190,642	72,615 504,564	452 37,241	7,057 65,528	249,701 2,046,829	8,235 71,700	445,530 4,828,066	187,594 1,804,537	50 552	.....	.....	4	.....	55 376	8 176	8
182,003 5,435	51,286 3,126	339,640 48,790	38,476 2,196	195 360	1,638,595 52,748	30,380 1,710	2,537,227 126,942	272,433 72,484	227 85	.....	.....	227	.....	30 85	147 11	10
132,284 132,284	147,271 147,271	750,737 713,757	154,727 154,727	23,445 22,959	18,730 18,614	2,499,200 2,497,940	10,472 9,212	4,373,485 4,314,781	1,863,813 1,807,629	213 203	.....	.....	10	.....	213 203	12 13
	45,980	.....	486	116	1,260	1,260	58,704	56,184	10	.....	.....	10	.....	10	.....	14
17,064 86,880	9,483 49,407	125,532 200,486	540 15,937	1,111 81,917	450,909 1,255,223	4,083 25,487	788,020 2,158,283	333,028 877,553	49 341	.....	.....	49 341	.....	49 15	15	
9,100	10,107	78,934 2,850	442 1,423	2,958 110	2,566 13,821	242 242	319 215	62,113 15,579	341 15	.....	.....	15	.....	15 28	17 18	
1,500 9,028	2,405 4,585	32,378 41,102	3,024 3,675	195 397	12,249 1,919	2,420 106,134	70,901 68,126	56,232 99	55 25	.....	.....	6 25	.....	6 74	19 10	
6,000	6,003	461	1,240	11,206	108	108	26,900	15,556	8	.....	.....	8	.....	8 3	22	
594,120 17,000	384,274 1,936	2,814,011 33,886	3,421 8,239	77,829 8,239	404,796 248,307	3,302,508 1,165,112	287,683 215,605	10,326,133 4,287,493	6,635,852 2,908,773	4,278 2,728	2,180 1,770	6	.....	2,092 958	278 156	23
233,750 254,428	81,357 279,200	1,525,016 820,002	3,421 42,071	23,480 115,579	1,729,690 455,284	38,448 41,233	4,723,645 1,180,787	2,955,607 693,270	2,955,607 670	866 310	100 270	6	.....	760 300	2,26 120	27
88,933 182,478	21,281 53,951	429,107 439,280	5,373 264	32,671 9,567	41,233 512,535	32,671 18,206	447,980 1,503,570	447,980 972,829	447,980 648	250 250	250 250	250	.....	398	250	23
800	1,465 624	4,772 6,795	1,200 1,504	5,852 42	9,573 254	5,970 35,793	28,000 23,966	16,678 33,793	12 7	.....	2	.....	12 5	30 31		
56,501 120,704	54,681 52,792	303,252 320,217	13,800 2,100	32,771 3,893	1,151,509 1,469,585	15,662 938,617	1,775,426 114,653	608,255 4,110,190	3,056,920 2,628,252	360 300	3,50 100	40 15	.....	10 5	60 567	32
91,804	18,087	175,777	11,211	13,619	889,782	11,621	1,349,363	447,980	447,980	750	420	15	.....	347	40	
7,675 20,900	4,304 18,350	23,765 54,085	2,369 6,902	220 1,843	1,796 284,737	51,611 2,792	2,799 428,812	122,714 161,233	68,304 62	73 62	.....	25	.....	27 62	34 35	
9,264 23,870	14,460 5,740	22,300 71,048	3,339 2,237	14,480 22,051	71,713 1,279	2,495 1,279	202,516 149,950	128,565 126,620	40 40	25 40	25 40	25	.....	40 40	37 37	
52,962 23,030	75,356 42,086	33,607 23,557	6,457 3,357	14,317 4,742	246,941 74,416	2,045 1,816	502,934 267,522	313,048 191,790	320 320	47 47	6 6	6	.....	41 32	38 39	
29,932	33,270	10,050	3,130	9,575	172,525	729	295,412	122,158	15	.....	6	.....	6	.....	9	40
13,312	1,360	240	381	12	11,105	97	15,384	4,162	2	.....	2	.....	2	.....	56	42
	22,741	32,318	3,456	2,214	162,121	2,203	275,280	110,953	50	.....	1	.....	1	.....	56	42

³ Same number reported throughout the year.⁴ Same number reported for one or more other months.⁵ None reported for one or more other months.

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Propri- tors and firm mem- bers.	Sala- ried offi- cers, super- in- tendents, and man- agers.	Clerks, etc.		Wage earners.		Number, 15th day of—	Total.	16 and over.		Under 16.		
					Male.	Fe- male.	Ave- rage num- ber.	Maximum month.	Minimum month.		Male.	Fe- male.	Male.	Fe- male.	

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

1	SYRACUSE—Continued.														Dollars. 1,091,028		
1	Printing and publishing, book and job.	54	401	57	17	8	26	293	.....	.....	314	197	105	11	1		
2	Job printing.	50	383	52	17	8	26	250	No 3	299	Fe 3	262	300	184	165	10	1,041,949
3	Book publishing without printing, linotype work, and type setting.	4	18	5	.....	.....	.....	13	No 3	14	Je 3	12	14	13	.....	1	49,079
4	Printing and publishing, newspapers and periodicals.	18	741	12	50	202	126	351	.....	.....	377	324	52	1	.....	1,982,730	
5	Printing, publishing, and job printing.	11	714	6	42	202	113	351	De	377	Ja	328	377	324	52	1	1,927,127
6	Publishing without printing.	7	27	6	8	.....	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	55,663
7	Saddlery and harness.	6	27	6	1	.....	1	19	My	21	De 3	18	19	19	.....	1	49,029
8	Slaughtering and meat packing.	3	73	2	4	9	8	50	Oc 3	53	My	44	52	50	2	.....	578,949
9	Structural ironwork, not made in steel works or rolling mills.	6	210	3	14	7	4	182	No	201	Au	142	189	188	.....	1	522,559
10	Tobacco, cigars.	47	346	61	4	5	4	272	Ap	282	Se	251	290	149	141	.....	709,663
11	Tools, not elsewhere specified.	10	191	8	18	2	10	153	Oc	178	Ap 3	129	167	155	12	.....	474,602
12	Wall plaster and composition flooring.	3	126	.....	12	5	3	106	Jy 3	113	Fe	97	100	100	.....	1	439,574
13	All other industries*.	168	18,422	137	677	1,093	895	15,071	.....	.....	17,590	14,925	2,583	49	33	.....	68,094,762

* All other industries embrace—	Brooms, from broom corn.....	2	Coffins, burial cases, and undertakers' goods.....	3	Foundry supplies.....	1
Agricultural implements.....	Brushes.....	1	Fur goods.....	1	Furnishing goods, men's.....	1
Aluminum manufactures.....	Canning and preserving, vegetables.....	1	Gas, illuminating and heating.....	2	Glass, cutting, staining, and ornamenting.....	1
Automobiles.....	Carpets, rag.....	2	Cutterly and edge tools, scissors, clippers, and pocketknives.....	2	Gloves and mittens, leather.....	1
Babbitt metal.....	Cars and general shop construction and repairs by electric-railroad companies.....	2	Druggists' preparations.....	3	Hair work.....	1
Bags, paper, exclusive of those made in paper mills.....	Cars and general shop construction and repairs by steam-railroad companies.....	2	Electrical machinery, apparatus, and supplies.....	4	Hand stamps.....	1
Baking powders.....	Cars and general shop construction and repairs by steam-railroad companies.....	2	Enameling.....	1	Hardware.....	3
Baskets, and rattan and willow ware.	Baskets, and rattan and willow ware.	1	Engraving and diesinking.....	1	Hats and caps, other than felt, straw, and wool.....	2
Belting, leather.....	Belting, leather.....	2	Fancy articles, metal novelties.....	1	House-furnishing goods, comforts and quilts.....	1
Bluing.....	Cheese.....	1	Flavoring extracts.....	1	Ice, manufactured.....	2
Boots and shoes, not including rubber boots and shoes.....	Chemicals.....	4	Food preparations, not elsewhere specified.....	10	Ink, writing.....	1
Cleansing preparations.....	Clothing, men's, buttonholes.....	1	.....	.....	.....	.....
Boxes, cigar.....	Coal-tar products.....	1	.....	.....	.....	.....
Boxes, wooden packing, except cigar boxes.....	Coffee, roasting and grinding.....	2	.....	.....	.....	.....

1	TROY—All industries.....	253	18,330	198	613	864	726	15,929	De	17,019	Fe	15,116	17,243	7,445	9,773	17	8	57,138,483
2	Awnings, tents, and sails.....	3	7	4	.....	.....	3	Jy 3	8	Fe 4	0	4	3	1	.....	3,262	
3	Boxes, set-up paper boxes.....	5	293	2	8	2	3	273	Oc	298	Ap 3	260	255	144	138	2	203,545	
4	Bread and other bakery products.....	25	339	21	15	3	24	276	No	284	Ja	269	279	248	31	.....	706,719
5	Brick and terra-cotta products.....	3	69	5	2	2	2	60	De	87	Fe	27	87	87	.....	1	353,074
6	Brushes.....	12	580	5	26	47	13	489	.....	.....	493	384	107	2	.....	1,086,124	
7	Toilet.	8	515	2	21	47	11	434	Ja	463	Jy	414	438	331	106	1	963,058	
8	All other.	4	65	3	5	2	2	55	No 3	57	Ja	48	55	53	1	1	123,056	
9	Clothing, men's, buttonholes.....	3	23	3	1	.....	19	De 3	21	Au	16	21	12	9	.....	11,100	
10	Clothing, women's.....	8	458	5	13	16	5	449	Ap	470	Fe	422	553	39	514	5	633,156	
11	Collars and cuffs, men's.....	13	10,646	13	272	425	503	9,428	No	9,909	Ja	8,783	9,943	2,367	7,555	6	26,206,012	
12	Confectionery and ice cream.....	5	50	5	4	3	3	35	Je	56	De 3	21	23	20	3	.....	95,309
13	Copper, tin, and sheet-iron work.....	4	15	3	2	.....	10	(*)	10	(*)	10	10	10	10	.....	11,100	
14	Electroplating.....	3	14	5	.....	9	My 3	11	Mh	1	9	9	9	9	.....	12,353	
15	Foundry and machine-shop products.....	18	891	14	51	36	25	765	De	821	Mh	727	826	820	5	1	3,829,729	
16	Fur goods.....	3	22	2	3	3	1	13	De 3	15	Au 3	12	15	7	8	1	52,803	
17	Liquors, malt.....	4	239	.....	23	36	7	173	Jy	188	De	154	154	151	3	2,805,565	
18	Marble and stone work, except slate.	5	23	5	1	3	.....	14	Oc 3	18	Ap	6	15	15	.....	1	64,465
19	Mineral and soda waters.....	6	32	4	3	.....	23	Au	30	Ap	21	25	23	2	.....	42,748	
20	Patent medicines and compounds.....	5	4	3	3	1	1	1	(*)	1	(*)	1	1	1	1	1	10,029	
21	Printing and publishing, book and job.	14	125	11	10	3	8	93	No	100	Ja	87	96	89	6	1	297,096	
22	Printing and publishing, newspapers and periodicals	7	342	6	22	71	20	223	De	230	Ja	210	230	200	27	3	327,204	
23	Tobacco, cigars.....	20	177	28	4	6	.....	139	De	149	Je	131	147	135	12	3	147,184
24	All other industries*.	87	3,951	62	147	208	107	3,427	.....	.....	4,027	2,681	1,342	3	1	1	20,176,345

* All other industries embrace—	Cars and general shop construction and repairs by steam-railroad companies.....	1	Dyeing and finishing textiles, exclusive of that done in textile mills....	1	Flour-mill and gristmill products....	2
Automobile bodies and parts.....	Cash registers and calculating machines.....	1	Dye-stuffs and extracts—natural....	1	Gas, illuminating and heating....	1
Automobile repairing.....	Clothing, men's.....	2	Electric machinery, apparatus, and supplies.....	1	Grease and tallow, not including lubricating greases.....	1
Bells.....	Coffee, roasting and grinding.....	2	Engraving and diesinking.....	1	Hand work.....	1
Belting, leather.....	Engraving, wood.....	2	Flavoring extracts.....	1	Hand stamps.....	2
Bookbinding and blank-book making.	Films.....	1	Flies.....	1	Hats, fur-felt.....	1
Boxes, cigar.....	Druggists' preparations.....	1	Flavoring extracts.....	2	Instruments, professional and scientific.....	3
Brass and bronze products.....	.....	1	.....	.....	.....	.....
Carriages and wagons.....	.....	1	.....	.....	.....	.....

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—NEW YORK.

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COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.									POWER.								
Salaries and wages.			Rent and taxes.			For materials.			Value of products.	Value added by manufacturer.	Primary horsepower.					Electric horse-power generated in establishments reporting.	
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹	Rented. ²				
68,502	30,035	285,472	24,788	19,430	11,081	548,504	12,100	1,247,743	657,139	343	40	.....	.....	.....	303	1
68,502	30,035	264,979	15,232	18,822	11,081	542,415	11,244	1,183,347	634,658	336	40	.....	.....	.....	296	2
		20,493	9,558	608		6,089	856	59,396	52,451	7					7	3	
141,758	315,847	393,408	48,412	23,761	61,700	1,082,335	14,132	2,972,512	1,876,045	582					582	4	
115,569	303,201	393,408	2,280	21,994	58,990	1,036,926	14,132	2,784,018	1,732,060	580					580	5	
26,189	12,146	46,132	1,767	2,710	45,409	188,494	143,085	2							2	6	
1,969	810	23,001	3,210	73,943	73,943	733	128,833	53,807	8					8	7		
11,000	19,117	51,137	14,438	10,391	816,349	9,983	990,785	164,356	261					261	8		
65,296	11,508	195,924	6,000	7,760	7,257	529,241	7,255	836,838	300,342	500	30				470	9	
12,772	16,299	213,213	220	6,354	100,541	552,387	3,705	1,000,791	444,699	29					29	10	
32,595	9,903	173,410	100	3,742	4,985	85,384	11,284	410,204	313,536	210	75				135	11	
22,210	8,650	107,782	5,000	2,878	243,085	11,155	478,190	223,947	400	300				100	12		
2,747,230	3,010,943	17,540,630	19,030	116,430	3,282,568	40,187,003	1,879,168	81,841,825	39,773,648	26,388	8,538	585	99		17,148	5,856	

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
68,502	30,035	285,472	24,788	19,430	11,081	548,504	12,100	1,247,743	657,139	343	40	.....	.....	.....	303	1
68,502	30,035	264,979	15,232	18,822	11,081	542,415	11,244	1,183,347	634,658	336	40	.....	.....	.....	296	2
		20,493	9,558	608		6,089	856	59,396	52,451	7					7	3	
141,758	315,847	393,408	48,412	23,761	61,700	1,082,335	14,132	2,972,512	1,876,045	582					582	4	
115,569	303,201	393,408	2,280	21,994	58,990	1,036,926	14,132	2,784,018	1,732,060	580					580	5	
26,189	12,146	46,132	1,767	2,710	45,409	188,494	143,085	2							2	6	
1,969	810	23,001	3,210	73,943	73,943	733	128,833	53,807	8					8	7		
11,000	19,117	51,137	14,438	10,391	816,349	9,983	990,785	164,356	261					261	8		
65,296	11,508	195,924	6,000	7,760	7,257	529,241	7,255	836,838	300,342	500	30				470	9	
12,772	16,299	213,213	220	6,354	100,541	552,387	3,705	1,000,791	444,699	29					29	10	
32,595	9,903	173,410	100	3,742	4,985	85,384	11,284	410,204	313,536	210	75				135	11	
22,210	8,650	107,782	5,000	2,878	243,085	11,155	478,190	223,947	400	300				100	12		
2,747,230	3,010,943	17,540,630	19,030	116,430	3,282,568	40,187,003	1,879,168	81,841,825	39,773,648	26,388	8,538	585	99		17,148	5,856	

Iron and steel, steel works and rolling mills.	2	Mucilage, paste, and other adhesives, not elsewhere specified.	1	Regalia, and society badges and emblems.	1	Steam fittings and steam and hot-water heating apparatus.	2
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.	2	Musical instruments and materials, not specified.	1	Rubber tires, tubes, and rubber goods, not elsewhere specified.	1	Stereotyping and electrotyping.	2
Iron and steel, wrought pipe.	1	Musical instruments, piano materials.	1	Safes and vaults.	2	Stoves and hot-air furnaces.	1
Lamps.	1	Oil, not elsewhere specified.	1	Salt.	1	Surgical appliances.	1
Leather goods, not elsewhere specified.	2	Oleomargarine.	1	Sausage, not made in slaughtering and meat-packing establishments.	3	Tinware, not elsewhere specified.	1
Lithographing.	1	Optical goods.	2	Shirts.	1	Tobacco, chewing and smoking, and snuff.	5
Looking-glass and picture frames.	2	Paints.	1	Sewing cases.	1	Toys and games.	3
Machine tools.	2	Paving materials.	2	Silk goods.	1	Typewriters and parts.	3
Millinery and lace goods, not elsewhere specified.	2	Perfumery and cosmetics.	1	Soap.	3	Washing machines and clothes wringers.	1
		Photo-engraving.	3	Sporting and athletic goods.	2	Window and door screens.	2
		Photographs.	2	Stationery goods, not elsewhere specified.	4	Window shades and fixtures.	1
		Pulp, from fiber other than wood.	1	Statuary and art goods.	1	Wirework, not elsewhere specified.	2

1,995,537	1,657,550	12,369,521	1,112,154	200,291	2,101,650	34,789,264	1,000,970	74,837,435	39,041,201	18,770	10,587	2,740	137	967	4,339	4,995	1
20,180	4,926	1,160		870	5,930	239	13,959	7,820	3						3		2
37,750	22,350	157,287	793	8,843	4,475	350,506	4,654	617,299	262,589	190	100				90		3
16,386	2,041	55,614		9,464	10,928	1,267,821	31,523	1,800,123	500,779	205	115				75	145	4
130,185	69,557	366,832	9,037	9,768	8,614	677,534	15,427	1,69,971	101,755	485					295		6
118,630	68,281	316,821	9,037	8,250	7,164	584,025	12,941	1,321,775	828,814	569	330				189		7
11,555	1,276	50,011		1,488	1,450	92,609	2,486	200,164	105,069	50					50		8
1,820		17,502		840	840	2,300	460	27,382	24,602	10					10		9
58,536	29,088	305,795	11,424	11,660	33,798	776,111	3,696	1,479,670	699,583	161					161		10
749,141	923,288	6,294,507	943,418	44,639	1,056,322	17,072,446	166,264	42,906,452	25,667,742	4,322	1,291	2,020			75	938	2,220
10,640	3,459	38,108	50	6,510	1,412	214,986	8,680	355,631	134,945	136					136		12
2,400		11,352		696		13,196	90	33,723	20,437						20		13
165,387	97,361	975,878		11,625	107,636	1,364,312	84,019	3,323,042	1,874,711	998	637				359	700	15
3,610	2,912	11,688		4,120	1,327	43,130	490	74,696	30,476	4					4	16	
83,167	50,742	191,729		2,485	383,366	477,113	55,952	1,559,757	1,026,692	787	715				42	30	177
1,820	1,297	16,551	13,878	485	683	13,609	1,421	61,605	46,575	33					3	30	18
3,885		25,036		612	526	57,287	2,198	99,762	40,277	11					11		19
4,238		780	92	720	34	6,179	20	18,869	12,670	2					2		20
21,901	9,383	75,997	5,840	7,358	1,885	104,364	3,645	332,601	224,589	58					58		21
44,807	71,010	171,385	3,203	7,568	14,866	175,343	7,308	665,613	482,962	139					45	94	22
5,976	7,155	107,403		5,770	43,215	172,023	1,037	380,988	207,928								23
633,708	351,401	3,239,945	124,419	64,845	420,026	11,952,135	593,593	19,375,142	8,829,725	10,633	6,914	720	61	850	2,088	1,753	21

Iron and steel, steel works and rolling mills.	2	Models and patterns, not including paper patterns.	2	Scales and balances.	1	Varnishes.	1
Knit goods.	5	Paints.	2	Slathering and meat packing.	1	Vault lights and ventilators.	1
Lithographing.	1	Paper and wood pulp.	3	Springs, steel, carriage and wagon, not made in steel works or rolling mills.	1	Vinegar and cider.	1
Looking-glass and picture frames.	2	Photo-engraving.	2	Stamping ware.	1	Waste.	1

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY.										WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					
		Total.	Propri- etors and firm members.	Salaried offi- cers, super- intendents, and man- agers.	Clerks, etc.		Wage earners.				Number, 15th day of—		16 and over.		Under 16.		Capital.
					Male.	Fe- male.	Ave- rage num- ber.	Maximum month.	Minimum month.	Male.	Fe- male.	Male.	Fe- male.				
					Total.	Male.	Female.	Male.	Female.	Total.	Male.	Female.	Male.	Female.	Total.	Male.	Female.
6																	

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

																		Dollars. 67,254,932
1	UTICA—All industries.....	370	18,564	325	563	725	525	16,423	De	18,669	Se	15,038	18,693	11,343	7,199	72	85	
2	Artificial limbs.....	3	5	4				1	(8)	1	(8)	1	1					4,730
3	Artificial stone products.....	3	17	1	1			15	De	18	Mh	7	18					61,085
4	Automobile bodies and parts.....	8	324	7	12	5	8	292	De	375	Fe	218	350	344	5	1		72,208
5	Automobile repairing.....	10	93	10	4	5	2	78	Je	85	Ja	69	79	78	1			203,195
6	Awnings, tents, and sails.....	3	13	4				1	8	An	11	De	6	8	4			14,109
7	Brass and bronze products.....	4	132	11	5	2	7	117	Ja	155	Jy	83	150	144	5	1		738,410
8	Bread and other bakery products.....	52	328	61	10	44	27	186	Au	196	Ja	174	195	172	22	1		929,107
9	Brooms, from broom corn.....	3	31	3				24	Da	32	Ap	17	32	30	2			82,668
10	Carriages and wagons, repair work only.....	5	20	6				1	Ja	15	De	9	14	14				20,683
11	Clothing, men's.....	16	1,140	13	48	127	65	887					1,261	442	809	5	5	2,947,339
12	Regular factories.....	13	1,097	8	48	126	65	850	De	1,220	Se	565	1,220	419	791	5	5	2,925,224
13	Contract work.....	3	43	5		1		37	De	41	Ja	28	41	23	18			22,175
14	Confectionery and ice cream.....	14	88	13	6	5	12	52	De	21	Ja	19	21	47	41	6		262,678
15	Confectionery.....	10	39	9	3	2	5	20	De	4	Ja	19	21	17	4			87,673
16	Ice cream.....	4	49	4	3	3	7	32	Jy	41	De	28	28	24	2			175,005
17	Copper, tin, and sheet-iron work.....	11	85	14	6	3	3	62	Ge	82	Mh	43	67	67				122,791
18	Cotton goods.....	4	3,332	27	33	17	3	3,255	De	3,729	Se	2,255	3,729	2,343	1,376	3	7	18,343,278
19	Food preparations, macaroni, vermicelli, noodles, and sweetening syrups, other than cane.....	10	54	9	7		2	36	Fe	4	45	Se	17	50	43	7		274,873
20	Foundry and machine-shop products.....	10	351	4	26	14	19	288	De	358	Ja	235	358	358				976,337
21	Fur goods.....	3	17	2				15	De	17	Jy	13	17	5	12			17,563
22	Hats and caps, other than felt, straw, and wool.....	3	23	9				19	De	22	Jy	17	22	14	8			39,296
23	Knit goods.....	19	5,839	7	81	73	107	5,571	De	6,009	Se	5,098	6,008	2,008	3,910	27	63	16,160,520
24	Liquors, malt.....	4	227		13	26	8	180	Jy	211	De	153	153	146	7			2,220,212
25	Marble and stone work, monuments and tombstones.....	6	20	7		2		11	Ap	12	Ja	10	11	11				72,542
26	Mineral and carbonated waters.....	4	21	5		6		10	Au	13	De	8	8	8				38,750
27	Printing and publishing, book and job.....	23	165	26	5	4	10	120	Jy	126	Fe	112	128	108	22			282,021
28	Printing and publishing, newspapers and periodicals.....	16	377	14	40	66	37	220					232	215	16	1		923,391
29	Printing and publishing.....	6	307	6	31	60	31	179	De	186	Je	173	186	181	5			792,795
30	Printing and publishing and job printing.....	10	70	8	9	6	6	41	Ja	47	Je	40	46	34	11	1		130,598
31	Structural ironwork, not made in steel works or rolling mills.....	3	15	2	4		1	8	De	12	Fe	4	13	13				86,411
32	Textile machinery and parts.....	4	65	2	4	5	1	53	De	63	Mh	42	62	55	7			159,762
33	Tobacco, cigars.....	26	63	30		1		32	Je	34	Ja	31	35	33	2			92,020
34	All other industries*.....	103	5,708	71	264	303	200	4,370					5,651	4,630	980	31	10	21,417,113

*All other industries embrace—	Cars and general shop construction and repairs by steam-railroad companies.....	Electrical machinery, apparatus, and supplies.....	Furnishing goods, men's.....
Agricultural implements.....	1	1	1
Asbestos products, not including steam packing.....	1	2	2
Bags, other than paper, not including bags made in textile mills.....	1	1	1
Baking powders.....	1	1	1
Belting, leather.....	1	1	1
Boot and shoe cut stock.....	1	1	1
Cordials and flavoring syrups.....	1	1	1
Boxes, set-up paper boxes.....	1	1	1
Brick.....	2	1	1
Dyeing and finishing textiles, exclusive of that done in textile mills.....	1	1	1

1	YONKERS—All industries.....	218	13,352	205	407	478	330	11,932	De	13,497	Ja	10,224	13,525	9,058	4,269	115	83	73,404,374
2	Awnings, tents, and sails.....	3	4	3				1	(8)	1	(8)	1	1	1				5,000
3	Bread and other bakery products.....	35	145	41	5	1	2	96	De	106	Fe	92	106	95	11			132,885
4	Clothing, women's.....	15	420	22	13	1	3	381					500	78	422			257,129
5	Regular factories.....	8	218	12	6	1	3	196	De	271	Ap	145	271	58	213			332,053
6	Contract work.....	7	202	10	7	1		182					229	20	209			35,046
7	Suits, skirts, cloaks, shirt waists, and dresses, except house dresses.....	3	46	7	1			33	Se	52	Fe	27	44	8	36			22,900
8	Undergarments and petticoats.....	4	156	3	6			147	De	185	Ja	97	185	12	173			12,148
9	Confectionery and ice cream.....	6	27	8	1	4	1	13	De	17	Mh	9	19	13	6			54,763
10	Copper, tin and sheet-iron work.....	14	49	15	2	1		31	De	31	Mh	30	30	30				90,013
11	Druggists' preparations.....	5	172	4	17	10	15	126	Je	146	No	105	108	55	51			707,165
12	Electroplating.....	3	10	5				5	No	8	Mh	1	7	7				7,589
13	Foundry and machine-shop products.....	13	2,039	9	120	102	85	1,723	De	2,461	Ja	1,328	2,461	2,217	244			6,535,967
14	Ice, manufactured.....	3	56		9	3		43	Se	62	Fe	23	42	42				427,441
15	Lumber, planing-mill products, not including planing mills connected with sawmills.....	6	55	5	8	3	5	34	No	44	Ja	22	42	42				158,083

¹ Includes water wheels and turbines (irrespective of ownership of water supply) and water motors (operated by water from city mains).² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—NEW YORK.

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COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								POWER.							
Salaries and wages.			Rent and taxes.		For materials.			Value of products.	Value added by manufacture.	Primary horsepower.				Electric horse-power generated in establishments reporting.	
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water-power. ¹	

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Dollars. 2,161,730	Dollars. 1,628,295	Dollars. 16,254,782	Dollars. 624,156	Dollars. 220,704	Dollars. 3,482,274	Dollars. 40,552,367	Dollars. 1,656,482	Dollars. 77,745,720	Dollars. 35,536,871	40,419	14,429	13,170	128	12,692	12,098	1
1,645	17,698	1,040	604	340	463	32,851	1,284	5,312	3,744	1	1	2
68,302	11,788	398,225	866	10,913	8,312	669,206	14,224	1,265,716	582,256	265	35	230	17	3
15,782	8,160	101,051	2,295	4,947	2,397	80,106	4,412	250,286	165,708	27	27	5
624	4,902	1,380	.....	.....	19,138	266	35,983	16,579	4	.....	.....	.....	.....	4	6
11,413	10,212	117,108	.....	930	2,049	199,977	20,718	364,972	144,277	163	.....	.....	.....	168	7
65,244	89,714	248,115	.....	15,832	14,898	1,306,072	37,996	2,067,708	663,640	257	20	.....	.....	267	8
6,420	23,856	30	209	60,420	1,033	105,148	43,695	15	.....	.....	.....	.....	15	9	
600	13,005	1,110	275	7,774	1,261	32,661	23,626	35	.....	.....	.....	.....	35	10	
182,889	273,803	775,849	19,001	30,445	39,252	1,811,630	21,284	4,239,592	2,406,678	303	125	.....	.....	175	6
182,889	272,843	737,833	19,001	29,065	39,152	1,803,728	20,212	4,180,282	2,336,342	288	125	.....	.....	163	6
960	38,016	480	100	7,902	1,072	59,310	50,336	15	.....	.....	.....	.....	15	13	
14,440	16,661	54,714	11,374	10,554	336,097	4,516	551,866	211,253	224	.....	.....	.....	.....	224	14
6,140	6,369	10,752	9,496	2,966	95,571	739	167,285	70,975	15	.....	.....	.....	.....	15	15
8,300	10,292	34,962	1,878	7,588	240,526	3,777	334,581	140,278	206	.....	.....	.....	.....	206	16
173,640	84,740	3,267,402	522,318	1,062,230	9,878,808	332,387	17,221,118	7,009,925	17,659	7,519	9,270	.....	.....	8,005	18
7,740	1,170	33,287	2,193	1,928	213,785	8,327	292,246	70,134	217	117	.....	.....	100	19	
104,783	46,819	370,006	2,501	3,360	45,436	942,423	18,066	1,618,717	658,198	391	85	.....	.....	306	20
18,502	.....	1,800	205	1,308	13,153	223	46,177	32,801	4	.....	.....	.....	4	21	
24,061	.....	1,308	.....	58,768	774	99,057	39,545	7	.....	.....	.....	.....	7	22	
444,691	284,493	4,490,540	10,128	30,637	840,070	12,009,332	258,226	22,008,428	9,680,870	7,232	1,900	3,500	1,832	3,175	23	
63,009	50,450	206,389	2,169	455,162	498,211	39,552	1,336,047	798,284	1,164	708	300	1,56	301	24		
2,375	16,428	15,515	352	357	27,032	1,697	81,581	32,852	41	.....	.....	.....	41	25	
3,918	8,206	840	580	28,820	1,359	60,061	29,882	18	.....	.....	.....	18	26		
21,087	19,273	104,116	4,731	9,417	1,683	147,878	6,736	376,009	221,395	140	15	.....	.....	125	27
92,933	134,219	283,909	9,280	7,008	41,102	322,714	13,189	1,164,011	828,108	473	.....	67	.....	406	28
79,576	125,205	226,862	1,940	648	40,741	293,513	10,958	1,040,570	736,099	419	.....	67	.....	355	29
13,357	9,014	37,047	7,340	6,300	361	29,201	2,231	123,441	92,009	54	.....	.....	54	30	
4,200	687	8,016	20,883	75	258	15,857	609	66,151	49,685	30	.....	.....	30	31	
17,409	7,179	52,441	.....	300	3,641	85,358	2,913	206,776	118,475	74	.....	.....	74	32	
100	24,779	250	1,908	19,472	51,837	1,012	113,502	60,653	4	.....	.....	4	33		
864,141	571,830	5,547,738	16,388	79,194	930,554	11,558,140	862,430	23,891,599	11,471,029	11,576	3,925	41	.....	7,610	34

Lumber, planing-mill products, not including planing mills connected with sawmills.	Musical instruments, organs.	2	Rubber tires, tubes, and rubber goods, not elsewhere specified.	1	Tobacco, chewing and smoking, and snuff.	2
Mattresses and spring beds, not elsewhere specified.	Paints.	2	Sausage, not made in slaughtering and meat-packing establishments.	1	Tools, not elsewhere specified.	1
Millinery and lace goods, not elsewhere specified.	Paper and wood pulp.	2	Signs.	2	Toys and games.	2
Mirrors, framed and unframed, not elsewhere specified.	Perfumery and cosmetics.	2	Slaughtering and meat packing.	2	Trunks and valises.	1
Mulgilage, paste, and other adhesives, not elsewhere specified.	Photographs and graphophones.	2	Sporting and athletic goods.	2	Umbrellas and canes.	1
Musical instruments and materials, not specified.	Photo-engraving.	2	Steam fittings and steam and hot-water heating apparatus.	1	Wall plaster and composition flooring.	2
	Plumber's supplies, not elsewhere specified.	1	Stereotyping and electrotyping.	1	Window shades and fixtures.	1
	Regalia, and society badges and emblems.	1	Stoves and hot-air furnaces.	1	Wirework, not elsewhere specified.	2
	Roofing materials, metal shingles and ceiling.	1	Suspenders, garters, and elastic woven goods.	1	Woolen goods.	1

1,485,102	1,106,206	14,002,455	292,159	222,802	2,554,811	104,560,155	1,889,785	140,016,561	33,568,621	19,480	15,115	1,540	133	2,692	8,474	1
5,590	2,460	138,405	2,950	27,097	219	520,049	20,244	949,415	409,122	62	.....	.....	.....	62	3
26,045	4,959	268,950	62,939	12,130	252	652,130	7,153	1,164,875	505,592	67	.....	.....	.....	67	4
10,700	4,950	146,019	62,939	7,202	252	646,255	3,598	999,589	349,736	28	.....	.....	.....	28	5
15,345	122,031	4,928	.....	5,875	3,555	165,286	155,856	39	.....	.....	.....	.....	39	6	
3,120	31,719	1,420	.....	1,350	595	49,351	47,406	7	.....	.....	.....	7	7	7	7
12,225	91,212	3,508	.....	4,525	2,960	115,935	108,450	32	.....	.....	.....	.....	32	8	
1,250	3,903	14,328	850	4,740	62	44,715	1,570	94,339	48,054	47	.....	.....	47	9	
3,636	2,136	38,800	2,850	4,853	800	61,503	845	169,749	107,401	12	.....	7	5	10	
60,881	23,930	173,873	62,826	95,293	606,807	7,677	1,416,930	802,446	75	75	.....	.....	11	11	
202,030	205,002	2,148,779	800	14,295	223,180	2,778,897	63,612	6,325,555	3,484,046	2,852	2,475	15	15	362	3,218	
26,250	3,900	57,504	.....	13,387	15,807	48,339	291,312	232,966	935,300	45	45	15	15	635	30
16,951	7,789	51,142	300	3,640	1,879	73,444	6,941	200,700	120,315	260	200	45	45	15	15	

² Same number reported throughout the year.

⁴ Same number reported for one or more other months.

MANUFACTURES—NEW YORK.

TABLE 59.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.							
		Total.	Propri- tors and firm mem- bers.	Sal- ried offi- cers, super- in- tend- ents, and man- agers.	Clerks, etc.			Wage earners.			Total.	16 and over.		Under 16.		Capital.
					Male.	Female.	Ave- rage num- ber.	Number, 15th day of—		Male.		Male.	Female.	Male.	Female.	
								Maximum month.	Minimum month.							

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

1	YONKERS—Continued.															Dollars.	
2	Marble and stone work, except slate..	5	13	6	1	1	4	5	Au	9	De 3	5	5	5	104	26,175	
2	Millinery and lace goods, not elsewhere specified.	7	109	8	4	4	4	93	De	124	Ja	48	114	10	104	145,300	
3	Mineral and soda waters.....	6	18	6	1	1	1	11	Se 3	14	Ap 3	9	12	12	12	26,911	
4	Printing and publishing, book and job.	11	49	10	4	11	7	17	De 3	17	My 3	16	17	17	17	593,902	
5	Job printing.....	8	26	8	1	1	1	17	De 3	17	My 3	16	17	17	17	55,975	
6	Book publishing without printing.	3	23	2	4	10	7	2	De 3	17	My 3	16	17	17	17	537,227	
7	Printing and publishing newspapers and periodicals.	6	129	1	7	10	7	104	(4)	104	(4)	104	104	102	2	233,395	
8	Tobacco, cigars.....	16	22	17	1	1	1	5	Je	7	Fe	3	6	6	6	19,600	
9	All other industries *.....	61	10,035	45	215	331	240	9,243	9,953	6,326	3,429	115	63,814,066

*All other industries embrace—																	
Automobile bodies and parts.....	1	Carpets and rugs, other than rag.....	1	Fancy articles, beadwork, and celluloid novelties.....	2	Gas, illuminating and heating.....	1	Hats, fur-felt.....	1	Hats, straw.....	1	Hats, straw.....	1	Hats, straw.....	1	Hats, straw.....	1
Automobile repairing.....	2	Carriages and wagon materials.....	1	Food preparations, not elsewhere specified.....	2	House-furnishing goods, not elsewhere specified.....	2	House-furnishing goods, not elsewhere specified.....	2	Instruments, medical and surgical.....	1						
Bags, other than paper, not including only bags made in textile mills.....	1	Clothing, men's.....	2	Furnishing goods, men's.....	2	Instruments, medical and surgical.....	1	Iron and steel, welding.....	2	Jewelry.....	1	Jewelry.....	1	Jewelry.....	1	Jewelry.....	1
Bookbinding and blank-book making.....	1	Coffee, roasting and grinding.....	1	Furniture, wood, other than rattan and willow.....	1	Iron and steel, welding.....	1	Iron and steel, welding.....	1	Iron and steel, welding.....	1	Iron and steel, welding.....	1	Iron and steel, welding.....	1	Iron and steel, welding.....	1
Boxes, paper cans, and tubes.....	1	Electrical machinery, apparatus, and supplies.....	1	Leather goods, men's.....	1	Leather goods, men's.....	1	Leather goods, men's.....	1	Leather goods, men's.....	1	Leather goods, men's.....	1	Leather goods, men's.....	1	Leather goods, men's.....	1

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

1	AMSTERDAM.....	117	11,497	132	250	246	156	10,713	De	11,945	Ap	9,961	12,235	6,553	5,548	47	87	40,448,994
2	AUBURN.....	154	8,617	157	380	454	354	7,272	Fe	7,698	Au	6,883	7,921	5,745	2,124	30	22	36,842,815
3	BATAVIA.....	45	2,703	36	107	215	119	2,226	Mh	2,463	No	1,892	2,551	2,091	458	2	2	10,445,327
4	BEACON.....	35	2,433	18	71	136	46	2,162	Au	2,466	Oc	1,805	2,338	1,627	702	7	2	8,185,955
5	COHOES.....	93	5,555	74	264	119	85	5,013	De	6,042	Fe	3,829	3,420	2,531	28	14	19,773,532	
6	CORNING.....	48	4,047	38	158	186	145	3,517	De	3,923	Jy	2,285	3,910	3,318	584	6	2	9,547,849
7	CORTLAND.....	59	3,383	52	128	102	88	3,013	Au	3,394	Ja	2,813	3,356	2,624	701	31	2	10,835,588
8	DUNKIRK.....	69	5,049	46	132	370	182	4,319	Ja	5,403	De	3,501	4,079	3,443	617	2	17	27,124,088
9	ELMIRA.....	142	9,518	112	461	463	458	8,024	Ja	9,060	My	6,828	8,201	6,808	1,366	17	10	34,129,630
10	FULTON.....	48	3,975	26	176	78	68	3,627	De	4,205	Fe	2,612	4,361	3,231	1,129	1	1	15,837,570
11	GENEVA.....	45	2,910	28	108	198	148	2,428	Se	2,687	Fe	2,214	2,517	1,921	593	2	1	8,108,449
12	GLEN'S FALLS.....	75	3,166	57	127	116	82	2,784	De	2,598	Au	2,656	1,556	1,556	2	2	27,615,994	
13	GLOVERSVILLE.....	206	6,701	224	372	332	164	5,612	De	6,300	Ja	4,625	6,426	4,361	1,986	76	6	6,743,837
14	HERKIMER.....	34	1,472	28	34	16	24	1,370	De	1,465	Ap	1,154	1,357	1,411	2	2	4,133,345	
15	HORNELL.....	43	2,093	29	91	62	65	1,851	De	2,003	Mh	1,762	2,066	1,444	622	2	2	6,616,957
16	HUDSON.....	58	1,733	46	65	86	55	1,481	De	1,539	My	1,410	1,537	1,078	456	2	1	5,593,249
17	LION.....	14	6,004	9	111	387	282	5,215	De	6,217	Ja	4,237	6,221	5,086	1,135	2	2	17,758,796
18	ITHACA.....	72	1,983	55	69	94	77	1,691	Ja	2,176	My	1,829	1,829	1,460	330	33	2	18,947,858
19	JAMESTOWN.....	153	9,900	105	330	540	368	8,553	De	9,754	Ja	6,279	9,803	7,412	2,304	77	10	34,529,333
20	JOHNSTOWN.....	112	3,209	157	170	142	76	2,664	De	3,005	Ap	2,354	2,994	1,984	969	31	10	11,554,474
21	KINGSTON.....	121	4,412	104	179	152	74	3,903	De	4,248	Fe	3,687	4,374	2,418	1,910	22	24	11,753,788
22	LITTLE FALLS.....	51	3,996	48	98	88	74	3,688	Au	3,913	Fe	3,323	3,993	1,985	6	9	18,965,684	
23	LOCKPORT.....	108	4,895	85	250	252	234	4,674	No	4,489	Mh	3,592	4,559	3,893	694	2	2	18,947,858
24	MIDDLETON.....	78	2,494	66	106	112	48	2,162	De	2,395	Jy	1,935	2,362	1,613	740	7	9	9,024,467
25	MOUNT VERNON.....	159	3,392	144	154	203	140	2,746	De	2,959	My	2,463	2,974	1,604	1,279	1	1	7,213,933
26	NEW ROCHELLE.....	69	1,639	62	76	45	163	1,293	De	1,431	My	1,217	1,428	1,034	376	7	11	2,802,661
27	NEWBURGH.....	101	6,211	70	244	292	216	5,389	Ap	4,964	5,819	4,115	1,682	15	474	15	20	29,230,388
28	NORTH TONAWANDA.....	65	5,032	35	139	306	186	4,366	De	4,539	Ap	4,259	4,595	3,814	746	2	2	22,757,994
29	OGDENSBURG.....	57	934	36	74	41	26	757	De	817	Ap	726	806	461	340	1	4	2,940,704
30	OLEAN.....	66	5,147	49	122	204	103	4,669	Ja	4,956	Au	4,509	5,735	4,250	480	3	2	29,815,263
31	ONEIDA.....	47	1,396	46	39	53	51	1,207	Jy	1,413	Ap	1,056	1,364	1,183	181	1	4	4,167,537
32	ONEONTA.....	31	1,840	33	61	51	35	1,057	Mh	1,718	Se	1,585	1,802	1,309	488	1	4	3,342,060
33	OSSINING.....	31	505	22	33	38	25	357	De	4,438	My	366	239	106	125	2	6	3,114,838
34	OSWEGO.....	69	5,136	56	196	324	90	4,470	Ap	4,857	Ap	4,042	5,150	3,735	1,317	58	29	19,156,649
35	PEEKSKILL.....	66	2,315	65	82	61	41	2,066	De	2,270	Ja	1,907	2,181	1,615	561	5	5	5,303,204
36	PLATTSBURG.....	39	915	33	56	25	14	787	Ja	937	Au	690	749	531	218	2	3	3,139,497
37	PORCH CHESTER.....	49	3,155	47	87	37	201	1,355	De	2,055	Ja	1,224	1,518	1,041	474	2	9	11,335,117
38	PORT JERVIS.....	35	2,210	23	84	49	51	2,003	De	2,092	My	1,945	2,111	1,650	458	3	2	2,729,726
39	POUGHKEEPSIE.....	156	7,371	133	361	554	388	5,935	De	6,832	Ja	5,470	7,060	4,939	2,095	10	16	28,894,815
40	RENSSELAER.....	22	1,618	19	69	107	60	1,263	De	1,552	Ja	1,224	1,518	1,041	474	3	3	9,697,130
41	ROME.....	71	5,038	60	165	220	165	4,428	Ja	5,467	Jy	1,726	5,328	4,585	732	2</		

MANUFACTURES—NEW YORK.

1099

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

| Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | <i>Dollars.</i> |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 2,600 | 1,040 | 8,339 | 200 | 995 | ..... | 9,050 | 75 | 31,244 | 22,119 | ..... | ..... | ..... | ..... | ..... | 2 | 1 |
| 6,700 | 5,817 | 57,530 | 1,000 | 5,647 | 694 | 297,583 | 1,404 | 417,249 | 115,259 | 1, | ..... | ..... | ..... | ..... | 18 | 2 |
| 1,600 | 18,702 | 2,950 | 1,745 | 21,758 | 1,333 | 70,368 | 47,277 | 29,368 | 47,277 | 29 | 4 | 25 | 3 | 4 | 25 | 3 |
| 9,000 | 22,247 | 24,425 | 174,816 | 10,074 | 4,165 | 183,398 | 1,116 | 566,913 | 432,399 | 11 | ..... | ..... | ..... | ..... | 17 | 4 |
| 900 | 24,425 | 2,000 | 2,716 | 15,175 | 1,116 | 61,373 | 45,034 | 61,373 | 45,034 | 17 | ..... | ..... | ..... | ..... | 17 | 5 |
| 9,000 | 21,247 | 172,816 | 7,358 | 4,165 | 118,223 | 505,523 | 523 | 505,523 | 387,315 | ..... | ..... | ..... | ..... | ..... | 6 | 6 |
| 16,300 | 19,508 | 127,922 | 10,700 | 1,920 | 6,369 | 92,341 | 7,061 | 309,395 | 209,993 | 97 | ..... | ..... | ..... | ..... | 8 | 7 |
| 4,240 | 400 | 3,474 | 3,642 | 14,638 | 92 | 37,360 | 22,530 | 37,360 | 22,530 | ..... | ..... | ..... | ..... | ..... | 8 | 8 |
| 1,160,359 | 803,455 | 10,863,740 | 34,354 | 67,041 | 2,203,694 | 90,229,760 | 1,719,537 | 127,938,220 | 20,938,923 | 14,993 | 12,657 | 1,540 | 54 | 1,334 | 5,206 | 9 |

Knit goods.....	1	Optical goods.....	1	Sausage, not made in slaughtering and meat-packing establishments.....	1	Structural ironwork, not made in steel works or rolling mills.....	2
Leather goods, not elsewhere specified.....	1	Patent medicines and compounds.....	3	Sugar, refining, not including beet sugar.....	2	Tools, machinists' tools.....	1
Liquors, malt.....		Pickles and sauces.....	2	Window shades and fixtures.....	1	Wire.....	1
Looking-glass and picture frames.....		Regalia, and society badges and em- blems.....	1	Steam packing.....	1	Wood, turned and carved.....	1
Mattresses and spring beds, not else- where specified.....	2	Rubber tires, tubes, and rubber goods, not elsewhere specified.....	1				
Models and patterns, not including paper patterns.....	1						

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

1,097,105	570,236	9,736,730	80,723	46,291	1,876,347	29,993,982	721,882	52,851,242	22,135,373	19,299	4,203	2,800	776	11,520	3,451	1	
1,360,395	1,041,120	7,000,567	43,305	67,523	1,527,265	23,203,946	666,125	40,642,435	16,772,391	20,277	8,937	375	450	3,410	7,045	6,204	2
251,993	441,634	2,191,130	2,000	13,813	93,137	4,663,251	164,472	9,414,705	4,556,952	5,393	1,615	1,500	388	1,895	2,410	3,367	3
363,919	286,520	2,131,316	8,035	32,777	246,156	4,677,328	178,555	9,650,394	4,744,511	4,155	1,913	125	11,083	1,023	945	1,216	5
830,153	263,384	4,332,115	12,426	40,111	1,762,733	11,229,357	465,913	21,551,429	9,856,159	18,573	1,094	3,500	2	410	13,272	4,195	5
450,520	420,996	4,529,133	8,763	13,996	569,034	2,716,115	665,648	10,774,091	7,392,326	3,710	1,501	750	92	1,367	159	6	
590,943	306,291	3,055,660	7,765	23,012	819,234	7,597,756	534,335	14,902,884	6,770,793	9,999	6,780	1,260	1,137	1,882	3,223	1,045	2
620,389	814,103	5,720,995	132,462	16,596	1,517,337	13,220,276	662,224	28,028,067	14,145,568	15,577	4,200	2,000	225	1,915	7,024	8,242	8
1,346,943	1,265,955	8,988,631	189,684	36,304	717,146	13,369,093	765,410	33,494,164	19,356,661	20,247	6,926	7	13,314	4,512	1,173	1,173	14
603,064	203,886	4,007,301	100	70,213	506,406	15,700,194	632,824	23,096,499	6,763,481	29,615	4,103	1,000	124	20,350	4,036	12,168	10
416,567	361,238	2,464,815	2,279	14,287	377,599	4,615,810	215,150	10,219,321	5,358,352	5,205	1,433	-----	15	3,845	692	111	
333,540	343,805	2,199,741	33,563	43,897	396,770	5,727,535	562,684	11,503,066	5,212,517	23,760	1,640	-----	316,190	5,927	1,657	1,657	12
1,296,390	819,196	5,443,417	1,102,934	74,365	1,204,007	21,996,105	374,010	38,915,000	16,542,585	6,331	2,711	5	1,500	3,465	512	1,173	14
127,435	50,755	1,218,055	7,995	22,790	152,519	1,747,668	103,025	3,932,645	2,051,952	3,546	2,113	1,200	233	1,173	1,173	1,173	14
240,047	291,410	1,560,429	378,801	24,045	234,242	3,179,316	59,514	7,330,419	4,070,559	3,302	2,290	270	219	523	1,278	15	
210,528	172,590	1,252,030	-----	11,538	307,545	4,103,357	116,706	7,514,339	3,294,276	2,443	1,162	5	5	1,271	65	10	
489,345	725,356	5,655,439	749	45,652	463,046	3,781,664	242,399	13,702,407	9,677,784	9,191	725	2,650	20	5,796	1,824	1,824	1
210,426	216,121	1,889,418	58,019	47,191	868,231	4,913,670	268,977	9,932,603	4,752,046	3,176	1,199	950	12	418	597	1,332	18
1,142,505	1,676,530	8,464,948	120,250	23,771	1,800,557	17,344,178	572,269	37,985,306	20,065,555	17,313	7,825	1,433	1,939	432	5,684	6,412	10
573,420	392,705	2,485,480	319,274	37,320	180,504	11,167,019	167,235	17,502,235	6,168,684	4,241	2,136	125	13	311	1,656	1,400	20
609,302	247,480	3,512,862	108,850	31,880	683,617	8,099,086	260,117	15,857,451	7,498,248	5,987	2,742	65	109	3,071	577	21	
829,069	234,508	3,734,800	44,544	27,574	1,185,360	15,107,782	226,290	24,851,536	9,517,464	8,730	3,825	1,795	50	1,400	1,660	2,202	22
872,182	534,372	4,723,342	316	32,951	857,900	17,248,123	827,353	29,302,597	11,227,121	19,399	3,347	-----	100	4,690	11,212	2,114	1
378,530	106,262	1,254,701	11,361	35,700	375,042	4,635,823	241,251	9,803,344	4,926,270	5,163	3,111	990	174	888	2,473	2,473	24
403,268	338,626	2,985,347	40,704	107,212	239,420	4,795,023	147,132	12,003,417	7,061,262	2,343	495	54	1,794	65	28	28	
231,533	107,170	1,191,479	26,058	62,807	32,852	1,789,220	52,079	4,406,301	2,525,002	1,521	650	72	799	8	26	357	21
959,898	628,567	5,622,555	231,930	61,656	812,015	16,020,647	553,757	29,572,507	13,297,973	9,591	5,138	1,433	16	395	2,900	2,000	22
636,113	645,232	5,346,111	1,115,792	63,864	632,351	13,691,460	1,303,376	25,130,663	10,433,827	20,217	11,975	150	24	8,668	6,560	6,560	20
209,291	69,567	508,144	209,090	16,898	151,469	3,410,052	70,339	3,154,923	1,644,582	2,653	767	41	1,020	825	91	91	10
448,397	333,072	5,633,154	-----	12,098	498,681	21,949,893	1,038,438	32,121,169	9,132,838	8,593	3,145	600	1,800	3,050	2,305	3,357	33
142,054	106,832	1,269,936	800	4,903	344,843	2,634,845	88,932	5,403,164	2,679,337	2,026	1,636	-----	33	357	72	31	
152,094	83,397	1,848,174	79,993	14,820	34,593	2,765,117	129,760	5,628,739	2,742,862	2,583	2,075	500	303	1,035	32	32	
110,729	62,758	368,789	53,277	7,285	131,193	1,003,052	79,698	2,301,456	1,216,700	1,036	249	787	30	299	30	30	
590,873	421,090	4,366,267	13,280	81,482	537,478	13,427,096	369,433	25,211,643	11,414,514	12,723	3,403	3,667	3,155	2,498	4,413	3,413	34
246,653	165,569	1,969,286	5,026	541,737	464,366	4,880,215	621,273	10,623,628	5,122,149	8,684	4,723	2,902	3	1,051	2,630	34	
186,502	68,945	738,320	19,928	13,314	68,886	2,089,246	138,106	4,015,151	1,787,797	5,182	517	-----	3,670	666	536	536	
328,009	418,527	2,900,718	10,689	29,758	1,027,126	9,983,357	240,359	17,139,079	6,915,363	5,925	915	45	20	4,913	299	299	
227,582	145,083	2,239,347	481,778	25,459	203,705	4,150,125	146,814	8,242,513	3,945,573	1,712	325	40	101	1,246	3	3	3
1,212,690	1,287,204	5,798,391	10,326	111,693	941,488	12,897,669	569,020	25,908,852	15,442,163	9,824	2,943	2,014	79	5	4,783	3,447	33
320,524	214,043	1,550,372	27,298	13,993	203,375	4,570,635	213,771	9,806,095	5,015,692	3,829	893	1,300	35	1,601	1,428	1,428	2
720,429	472,278	5,062,294	11,048	17,574	585,676	22,754,697	617,455	34,568,479	11,496,337	17,874	7,741	555	74	9,204	1,091	4,913	34
152,439	193,043	702,979	270,705	12,218	204,494	1,815,031	73,701	4,093,058	2,204,326	1,199	266	-----	930	930	930	930	
576,538	510,033	2,668,194	4,075	479,281	7,481,633	351,783	16,463,877	8,630,461	7,967	4,062	2	18	3,855	316	4	3,855	4
760,783	504,152	4,155,900	52,619	46,821	840,062	9,206,517	640,422	19,037,081	9,199,141	13,970	2,073	1,337	6,472	4,088	2,230	4,088	2
561,704	258,873	1,506,281	1,517	6,679	410,443	4,981,019	253,625	8,502,864	4,168,226	9,680	505	3	25	9,147	4,428	4,428	4
55,747	38,442	393,112	16,625	29,158	14,934	798,396	48,293	1,753,392	906,703	617	243	60	1	313	14	44	

³ Same number reported for one or more other months.

³ Same number reported for one or more states.
⁴ Same number reported throughout the year.

NORTH CAROLINA.

GENERAL STATISTICS.

General character of the state.—North Carolina, one of the thirteen original states, has a gross area of 52,426 square miles, of which 48,740 represent land surface. The inhabitants of the state in 1900 numbered 1,893,810; in 1910, 2,206,287; and in 1920, 2,559,123. In total population North Carolina ranked fourteenth among the states in 1920. The number of inhabitants per square mile in 1910 was 45.3, the corresponding figure for 1920 being 52.5.

In 1920 there were 14 cities in the state having more than 10,000 inhabitants (see Table 6). The combined population of these 14 cities in that year was 310,512, or 12.1 per cent of the total for the state, and in 1919 they reported 42.2 per cent of the value of the state's manufactured products.

Importance and growth of manufactures (Table 1).—The large increases in salaries and wages, cost of materials, and value of products, as presented in Table 1, are largely due to the changes in industrial conditions brought about by the World War, and, therefore, can not properly be used to measure the growth of manufactures during the census period 1914 to 1919. The addition of the Federal income tax since 1914 will account for the exceptional increase in "Rent and taxes."

Statistics for the state, by counties (Table 2).—Figures are not available for comparison of the totals for the 100 counties in 1919 with those for prior censuses. Of these counties, Forsyth, in which the city of Winston-Salem is located, reported 22.1 per cent of the total value of products for the state in 1919 and 9 per cent of the average number of wage earners.

Principal industries, ranked by value of products (Table 3).—The ranking of industries by value of products is often misleading as to their real importance from a manufacturing standpoint. The flour-mill and gristmill industry, for instance, which ranked ninth in value of products, ranked twenty-third in average number of wage earners and fourteenth in value added by manufacture.

Persons engaged in manufacturing industries (Table 4).—The age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the "Explanation of terms." The classification by sex for 1919 was reported separately, but for 1914 and 1909 was obtained in the same manner as the distribution by age. Figures for individual industries will be found in Table 31.

Average number of wage earners for selected industries (Table 5).—The industries covered by this table are those which employed 250 or more wage earners in 1919, and for which statistics can be shown without the possibility of disclosing the operations of individual establishments.

Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more (Table 6).—General increases are shown from 1914 to 1919 in most of the details for the cities for which comparative figures are given in this table. Statistics for 4 cities are not shown separately for 1914 as in that year they were not among those having 10,000 inhabitants or more. During the period from 1914 to 1919 there was an increase of \$270,685,629, or 268 per cent, in the total value of products in the 10 cities for which comparable figures are presented.

Wage earners, by months (Table 7).—The statistics for wage earners in this table are intended to show the steadiness of employment, or the reverse, in accordance with the industrial conditions existing during the several census years.

Wage earners, by months, for selected industries and for cities (Table 8).—In addition to the number of wage earners employed by months, similar data are given for males and females for all industries combined and also for each of the 14 cities having 10,000 inhabitants or more. The table also shows a number of industries in the state in 1919 which employed a large number of female wage earners. Of the total number of female wage earners in the state, 30.8 per cent were in the 14 cities, while of the total number of male wage earners, only 25.3 per cent were reported by the cities.

Prevailing hours of labor (Table 9).—Since 1914 there has been a marked shortening of the working-day in North Carolina. In that year 1.7 per cent of the wage earners were included in the group "48 and under," as against 6.9 per cent in 1919; while in 1914 the "60" and "Over 60" groups constituted 80.5 per cent of the total wage earners, as compared with 27.4 per cent in 1919.

Size of establishments, by average number of wage earners, for selected industries and for cities (Table 10).—The predominance of small establishments, based on the number of wage earners employed, is evidenced in this table by the fact that of the total number of establishments in the state, 94.2 per cent were in the several classes having fewer than 101 wage earners, while such establishments employed but 31.9 per cent

of the total number of wage earners. On the other hand, the establishments employing an average of more than 100 wage earners represented only 5.8 per cent of the total number of manufacturing establishments in the state, but reported 68.1 per cent of the total number of wage earners.

Size of establishments, by value of products (Table 11).—At the censuses of 1909 and 1914 establishments with products valued at “\$100,000 to \$1,000,000” constituted one group, but at the census of 1919 this group was subdivided into “\$100,000 to \$500,000” and “\$500,000 to \$1,000,000.” Separate figures for the number of establishments and value of products have been compiled, however, from the returns for 1914. The table, therefore, gives combined figures for these two groups for all items for 1909, and for the average number of wage earners and value added by manufacture for 1914.

Size of establishments, by value of products, for selected industries (Table 12).—In the preparation of this table it was necessary in several instances to combine the establishments of one group of the industry with those of some other group of that industry to avoid the possibility of disclosing the operations of individual establishments.

Size of establishments, by value of products, for cities of 10,000 inhabitants or more (Table 13).—This table strikingly illustrates the fact that the number of establishments of itself is no real index of manufacturing activities. There were no cities in the state in 1920 having 50,000 inhabitants, hence, there are no cities for which statistics are shown by industries. In view, therefore, of the extensive manufacture of tobacco in North Carolina, it seems proper to state that the cities of Winston-Salem and Durham, combined, reported about one-fifth of the total value of such products for the United States. The extensive manufacture of furniture in North Carolina is largely centralized in High Point.

Character of ownership (Table 14).—The preponderance of corporate ownership is clearly brought out in this table. Although corporations owned but 26.8 per cent of the number of establishments in the state in 1919, they reported 85.8 per cent of the average number of wage earners and 90.4 per cent of the total value of products. During the five-year period from 1914 to 1919, the average number of wage earners in corporations increased 23,135, or 20.6 per cent, and the value of products, \$604,006,226, or 242.2 per cent.

Manufactures, by population groups, in cities of 10,000 inhabitants or more (Table 15).—This table shows that the combined number of establishments in the 14 cities in 1919 represented 14.4 per cent of the total in the state. They reported in that year 26.8 per cent of the average number of wage earners and 42.2 per cent of the value of products. These proportions do not differ materially from those of 1914.

Number and horsepower of types of prime movers (Table 16).—The total horsepower reported in 1919, as compared with that for 1914, shows an increase of 41,793 horsepower, or 8.2 per cent. This increase, however, is due to the gain of 67,061 horsepower, or 51.4 per cent, in rented power, the owned power having decreased 25,268 horsepower, or 6.7 per cent, during the five-year period 1914 to 1919.

Fuel consumed (Table 17).—This table shows the principal kinds of fuel used by the manufacturing plants in the state in 1919 and 1914 and gives separately for 1919 the amounts consumed by a number of important industries which use considerable quantities of fuel. Totals for the various cities are also given. The manufacturers of cotton goods were the largest consumers of both anthracite and bituminous coal, using 80.1 and 33.5 per cent, respectively, of the total amount used in all industries, while gas manufacturers consumed 63.9 per cent of the total quantity of fuel oils.

TABLE 1.—COMPARATIVE SUMMARY: 1919, 1914, 1909, 1904, AND 1899.

	MANUFACTURING INDUSTRIES.					PER CENT OF INCREASE. ¹			
	1919	1914	1909	1904	1899	1914-1919	1909-1914	1904-1909	1899-1904
Number of establishments.....	5,999	5,507	4,031	3,272	3,465	8.9	11.7	50.7	-5.6
Persons engaged.....	175,423	151,335	133,453	93,142	(2)	15.9	13.4	43.3	.....
Proprietors and firm members.....	6,076	5,950	5,451	3,731	(2)	2.1	9.2	46.1	.....
Salaried employees.....	11,688	8,541	6,529	4,072	2,894	36.8	30.8	60.3	40.7
Wage earners (average number).....	157,659	136,844	121,473	85,339	72,322	15.2	12.6	42.3	18.0
Primary horsepower.....	549,878	508,055	378,556	216,622	154,467	8.2	34.2	74.8	40.2
Capital.....	\$669,144,096	\$253,841,808	\$217,185,588	\$141,000,639	\$68,283,005	163.6	16.9	54.0	106.5
Salaries and wages.....	150,454,432	66,282,679	41,258,172	25,170,765	16,446,630	167.3	36.4	63.9	53.0
Salaries.....	23,774,333	10,244,232	6,903,547	3,795,471	2,394,848	132.1	48.4	81.9	58.5
Wages.....	126,680,099	46,035,447	34,354,025	21,375,294	14,051,784	175.2	34.0	60.7	52.1
Paid for contract work.....	3,069,822	1,057,489	1,793,837	1,580,823	(2)	56.8	9.1	13.5	.....
Rent and taxes.....	122,929,095	14,058,823	6,392,132	7,752,512	(2)	772.5	120.4	.....	.....
Cost of materials.....	526,906,181	163,941,971	121,561,530	79,268,004	44,834,224	210.1	39.5	53.7	76.7
Value of products.....	943,807,049	239,411,987	216,650,055	142,520,776	85,274,083	226.1	33.6	52.0	67.1
Value added by manufacture ⁴	416,901,763	119,470,016	94,794,625	63,252,772	40,419,859	249.0	26.0	49.9	56.5

¹ A minus sign (--) denotes decrease.

² Figures not available.

Exclusive of internal revenue.

⁴ Value of products less cost of materials.

MANUFACTURES—NORTH CAROLINA.

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TABLE 2.—STATISTICS FOR THE STATE, BY COUNTIES: 1919.

COUNTY.	Number of establishments.	WAGE EARNERS.		Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.	Primary horse-power.
		Average number.	Wages.					
The state.	5,999	157,650	\$126,680,099	\$122,929,995	\$526,906,181	\$943,807,949	\$410,901,705	549,878
Alamance.	96	4,455	3,476,476	1,147,055	10,679,590	19,300,028	\$,620,438	12,600
Alexander.	28	430	243,154	40,216	1,093,535	1,714,125	820,590	2,515
Alleghany.	10	4	1,025	135	45,507	60,133	14,626	134
Anson.	100	783	529,706	67,264	1,780,511	3,232,698	1,452,157	5,006
Ashe.	48	175	141,077	4,743	471,049	821,237	350,248	1,272
Avery.	28	135	86,997	1,825	110,521	326,158	215,637	591
Beaufort.	22	833	715,272	189,983	3,704,668	5,621,150	1,916,452	3,461
Bertie.	98	485	411,230	31,076	1,017,578	1,945,770	930,892	2,958
Bladen.	56	552	393,059	49,564	1,958,604	2,885,699	926,796	3,093
Brunswick.	45	653	538,957	76,138	1,390,859	2,854,463	1,451,604	2,930
Buncombe.	59	2,256	2,250,774	396,078	7,223,050	11,925,203	4,697,128	6,975
Burke.	73	1,413	846,258	74,193	6,691,753	8,964,362	2,272,609	7,149
Catawba.	51	5,913	4,396,632	1,051,741	18,802,746	28,129,556	9,326,849	22,124
Caldwell.	90	2,058	1,308,874	446,298	5,808,202	9,829,643	4,021,441	7,197
Carroll.	5	40	22,644	80	42,863	72,272	29,409	250
Carteret.	62	467	450,915	18,365	621,672	1,512,170	890,408	2,664
Caswell.	7	11	9,335	170	7,188	25,336	21,150	59
Catawba.	103	3,751	2,445,137	439,850	8,323,686	14,171,839	5,845,173	10,957
Chatham.	82	638	476,498	75,039	1,670,654	2,030,473	1,259,819	3,733
Cherokee.	30	476	385,138	20,916	1,543,637	2,423,069	879,432	1,356
Chowan.	22	483	399,768	35,174	1,748,169	2,380,337	632,168	2,743
Cleveland.	62	2,361	1,473,451	526,508	7,771,374	11,814,379	4,043,005	10,139
Columbus.	52	1,524	1,336,648	125,134	1,737,599	4,107,692	2,370,002	5,968
Craven.	89	2,171	1,057,308	117,613	3,377,596	8,049,926	4,672,330	5,317
Cumberland.	76	1,601	1,157,934	272,387	4,127,247	7,140,214	3,012,967	8,564
Curnuttuck.	10	87	68,684	2,814	19,493	123,250	103,757	230
Davidson.	133	3,742	2,890,558	599,355	9,272,962	16,719,602	7,449,640	10,915
Davie.	26	827	592,350	337,110	2,299,114	4,944,148	2,645,034	3,947
Duplin.	45	436	336,012	19,523	334,138	1,122,224	788,056	2,290
Durham.	96	7,847	5,640,123	20,586,724	41,165,633	83,180,547	42,014,914	15,765
Edgecombe.	84	2,287	2,395,168	183,278	5,104,718	8,932,437	3,827,719	7,434
Forsyth.	149	14,229	13,721,964	75,738,241	102,104,799	208,981,632	106,876,533	15,867
Franklin.	88	527	415,120	51,024	1,021,033	2,252,274	1,230,641	3,614
Gaston.	103	9,906	6,851,971	1,848,554	23,988,130	44,230,478	20,244,343	34,603
Gates.	37	295	274,748	10,222	194,819	892,697	497,878	1,355
Graham.	3	14	9,510	134	5,337	26,500	21,163	56
Granville.	66	504	425,562	236,274	1,935,222	2,012,245	977,023	2,511
Greene.	6	14	11,061	358	8,783	30,288	21,605	171
Guildford.	241	11,074	9,544,571	2,680,278	34,520,093	62,571,952	23,051,859	29,393
Hallifax.	163	3,446	2,505,698	604,488	6,597,788	12,293,983	5,696,195	20,218
Harnett.	50	1,165	928,433	356,010	3,554,912	6,392,842	2,837,930	5,078
Haywood.	57	1,859	1,732,140	182,336	4,832,237	8,594,833	4,082,506	12,033
Henderson.	35	690	459,260	27,679	937,122	1,732,613	795,491	1,412
Hertford.	49	425	354,668	14,175	513,506	1,338,322	824,826	1,944
Hoke.	15	203	128,090	23,193	1,077,325	1,421,906	344,651	1,225
Hyde.	5	17	14,220	1,680	10,526	47,588	37,062	340
Iredell.	107	2,593	1,773,941	307,766	8,713,728	14,552,672	4,538,044	9,182
Jackson.	40	481	340,061	17,997	2,504,572	3,042,662	1,138,090	2,453
Johnston.	176	1,506	1,302,895	171,417	5,785,937	10,159,313	4,370,370	9,422
Jones.	18	108	99,727	4,392	316,941	496,357	179,416	1,065
Lee.	37	497	385,303	39,290	1,681,599	2,545,254	863,655	2,436
Lenoir.	70	1,133	924,236	100,113	3,024,300	5,042,530	2,018,250	3,164
Lincoln.	46	1,285	883,534	116,235	3,367,754	5,545,538	2,180,782	4,599
McDowell.	38	1,611	1,329,957	509,370	5,632,155	9,072,579	3,440,424	7,672
Macon.	25	137	109,000	3,189	95,510	353,067	257,497	655
Madison.	28	344	310,252	20,965	285,455	917,108	631,621	1,205
Martin.	78	356	352,906	10,716	308,333	1,046,834	738,501	1,903
Mecklenburg.	127	6,242	4,880,932	1,621,951	34,522,447	48,490,831	13,074,384	24,619
Mitchell.	32	250	149,348	5,361	210,095	554,517	344,422	902
Montgomery.	97	639	435,677	149,298	1,960,180	3,426,602	1,468,413	3,428
Moore.	85	614	462,324	47,707	1,225,886	2,332,563	1,106,877	2,579
Nash.	33	838	669,058	190,059	2,644,908	4,081,703	1,536,795	5,403
New Hanover.	84	2,477	2,578,931	563,826	9,070,630	15,932,426	6,861,796	6,857
Northampton.	28	231	184,106	2,544	131,987	447,493	315,526	849
Onslow.	21	264	235,026	4,920	191,844	594,725	402,881	1,140
Orange.	47	1,179	843,297	286,055	2,364,410	4,501,660	2,137,250	5,131
Pamlico.	12	45	42,732	720	70,281	182,108	111,827	405
Pasquotank.	44	1,360	984,753	102,973	2,057,337	4,127,068	2,089,669	4,027
Pender.	25	391	305,769	2,804	115,878	307,923	522,045	1,345
Perquimans.	8	227	216,692	18,381	1,368,554	2,082,970	714,416	1,151
Person.	20	431	339,619	72,951	1,413,758	2,146,317	732,559	2,107
Pitt.	201	1,047	1,152,328	96,327	2,230,997	4,777,051	2,537,054	5,239
Polk.	15	226	117,497	2,900	525,861	833,414	307,553	383
Randolph.	170	2,126	1,479,975	221,842	5,437,128	9,063,057	3,625,900	8,667
Richmond.	54	2,110	1,521,853	850,065	5,219,892	9,995,055	4,775,163	7,489
Robeson.	48	1,744	1,146,746	232,412	5,709,514	8,288,743	2,578,929	8,519
Rockingham.	60	6,132	5,241,787	5,066,590	17,750,956	32,319,737	14,538,781	16,949
Rowan.	66	4,012	4,355,378	410,298	11,690,068	18,242,697	6,642,629	10,012
Rutherford.	33	3,042	1,994,119	486,987	6,035,125	10,262,201	4,227,076	9,770
Sampson.	109	483	344,188	6,517	538,239	1,593,346	1,061,057	3,487
Scotland.	27	650	445,988	48,520	3,704,313	4,648,482	944,169	4,209
Stanly.	74	3,475	2,441,020	842,124	10,482,869	15,290,314	4,807,445	16,078
Stokes.	22	60	49,519	1,374	105,043	220,612	114,969	603
Surry.	73	1,634	1,155,062	154,653	2,465,564	5,120,336	2,654,772	3,903
Swain.	22	817	805,407	34,862	596,395	2,001,208	1,404,813	2,761

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TABLE 5.—AVERAGE NUMBER OF WAGE EARNERS FOR SELECTED INDUSTRIES, WITH PER CENT, BY SEX AND AGE: 1919 AND 1914.

INDUSTRY.	Cen-sus year.	Wage earners (aver-age number).	PER CENT OF TOTAL.		INDUSTRY.	Cen-sus year.	Wage earners (aver-age number).	PER CENT OF TOTAL.				
			16 years of age and over.					16 years of age and over.				
			Male.	Fe-male.				Male.	Fe-male.			
All industries.....	1919	157,659	71.9	24.1	4.0	Foundry and machine-shop products ¹	1919	1,969	93.9	0.6	0.6	
	1914	136,844	72.7	19.6	7.7		1914	1,273	93.4	0.2	0.4	
	1909	121,473	70.9	17.9	11.3	Furniture.....	1919	7,910	94.6	3.3	2.1	
Automobile repairing.....	1919	1,253	98.6	0.4	1.0		1914	5,301	93.9	0.2	5.9	
	1914	49	98.0	2.0	.....	Gas, illuminating and heating.....	1919	341	100.0	.....	.....
Boxes, wooden packing, except cigar boxes.....	1919	922	88.1	6.5	5.4		1914	210	96.7	.....	3.3
	1914	924	87.8	6.6	5.6	Ice, manufactured.....	1919	737	97.9	0.4	1.7	
Bread and other bakery products.....	1919	385	85.5	11.9	2.6		1914	319	98.1	1.5	0.4	
	1914	305	87.2	8.9	3.9	Knit goods.....	1919	10,216	36.3	51.8	11.9	
Brick, sewer pipe, and drain tile.....	1919	1,338	97.2	.....	2.8		1914	7,737	30.8	52.4	16.8
	1914	1,601	96.9	.....	3.1	Leather, tanned, curried, and finished.....	1919	1,335	100.0	.....	0.1
Carriages and wagons, including repairs.....	1919	1,221	98.9	0.8	0.2		1914	877	99.5	0.3	0.1	
	1914	1,377	98.5	0.9	0.5	Lumber and timber products.....	1919	22,728	99.6	0.2	0.1	
Cars and general shop construction and re-pairs by steam-railroad companies.....	1919	4,071	97.9	2.1	.....		1914	30,590	99.3	0.2	0.6
	1914	2,806	99.1	0.9	.....	Lumber, planing-mill products, not includ-ing planing mills connected with sawmills.	1919	2,197	99.5	(*)	0.2
Clothing, men's.....	1919	392	17.3	78.6	4.1		1914	2,869	99.0	.....	1.0
	1914	385	17.9	76.6	5.5	Marble and stone work.....	1919	935	99.7	.....	0.3
Coffins, burial cases, and undertakers' goods.....	1919	252	92.5	7.5	2.6		1914	704	95.2	.....	1.8
	1914	312	92.0	5.4	.....	Mineral and soda waters.....	1919	601	95.3	0.9	3.8
Confectionery and ice cream.....	1919	316	69.9	28.5	1.6		1914	470	94.0	0.2	5.7	
	1914	110	77.3	20.9	1.8	Oil and cake, cottonseed.....	1919	2,302	99.0	0.9	0.1	
Copper, tin, and sheet-iron work.....	1919	336	99.1	.....	0.9		1914	1,588	99.4	0.1	0.5
	1914	338	98.8	.....	1.2	Paving materials.....	1919	274	100.0	.....	.....
Cordage and twine ¹	1919	444	57.7	32.9	9.5		1914	508	99.8	0.2	.....
Cotton goods.....	1919	87,297	59.3	34.7	5.9	Printing and publishing, book and job.....	1919	632	73.4	24.5	2.1	
	1914	53,703	55.3	31.4	13.3		1914	569	74.9	21.4	3.7	
Dyeing and finishing textiles, exclusive of that done in textile mills.....	1919	414	56.0	42.5	1.4	Printing and publishing, newspapers and periodicals.....	1919	976	81.0	10.2	8.7	
	1914	194	63.4	35.1	1.5		1914	971	78.2	11.6	10.2	
Dyestuffs and extracts—natural ¹	1919	335	100.0	.....	.....	Silk goods, including throwsters ¹	1919	968	33.9	58.4	7.8
Electrical machinery, apparatus, and supplies.....	1919	270	54.1	45.9	.....	Tobacco, chewing and smoking.....	1919	2,573	60.2	38.9	0.9
	1914	78	43.6	56.4	.....		1914	8,950	60.0	31.0	9.0
Fertilizers.....	1919	2,077	99.6	0.4	0.1	Tobacco, cigars and cigarettes.....	1919	11,683	53.3	43.8	2.9	
	1914	1,690	99.9	0.1	0.1		1914	1,517	42.8	45.7	11.5	
Flour-mill and gristmill products.....	1919	629	98.9	0.3	0.8	All other industries.....	1919	7,172	85.0	14.2	0.8	
	1914	588	99.8	.....	0.2		1914	7,156	75.3	21.1	3.6

¹ Not shown separately in 1914.² Includes "textile machinery and parts."³ Less than one-tenth of 1 per cent.

TABLE 6.—AVERAGE NUMBER OF WAGE EARNERS, BY SEX AND AGE, AND VALUE OF PRODUCTS FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

CITY.	AVERAGE NUMBER OF WAGE EARNERS IN MANUFACTURING INDUSTRIES.												VALUE OF PRODUCTS.					
	Total.			16 years of age and over.						Under 16 years of age.								
				Male.		Female.												
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909			
Asheville.....	1,119	951	978	947	764	712	160	169	217	12	18	49	\$7,091,211	\$3,148,802	\$3,108,466			
Charlotte.....	5,161	3,799	4,199	3,808	2,772	2,930	1,138	781	958	217	246	313	43,095,598	10,962,113	10,459,684			
Durham.....	5,977	4,764	3,699	3,532	2,546	1,751	1,710	1,614	1,080	715	604	888	70,659,339	27,597,258	23,026,578			
Gastonia.....	2,943	.....	.....	1,768	.....	.....	981	.....	.....	194	.....	.....	12,012,775	.....	.....	
Goldsboro.....	1,100	.....	.....	974	.....	.....	111	.....	.....	15	.....	4,142,544	.....	.....	.....
Greensboro.....	1,615	1,229	952	927	799	602	553	318	271	135	112	79	7,457,553	3,464,323	2,031,606			
High Point.....	4,076	3,582	.....	2,725	2,585	.....	1,213	688	.....	138	309	.....	14,868,797	5,631,761	.....		
New Bern.....	1,588	848	.....	1,558	829	.....	12	5	.....	16	14	.....	5,702,398	1,910,497	.....		
Raleigh.....	1,161	1,051	1,023	856	789	655	235	236	273	70	26	95	6,871,008	2,915,767	2,375,827			
Rocky Mount.....	1,582	1,464	.....	1,475	1,313	.....	86	128	.....	1	13	.....	4,903,500	2,742,802	.....		
Salisbury.....	1,050	.....	.....	603	.....	.....	292	154	77	65	19	40	5,126,896	3,025,504	3,004,717
Wilmington.....	1,846	1,721	1,213	1,517	1,548	1,096	292	154	77	37	19	40	10,537,306	5,059,048	.....		
Wilson.....	654	.....	.....	582	.....	.....	67	5	.....	5	864	1,182	200,484,534	37,287,683	18,239,743
Winston-Salem.....	12,360	9,634	7,638	7,434	5,543	4,248	4,637	3,227	2,266	295	864	1,182	200,484,534	37,287,683	18,239,743			

MANUFACTURES—NORTH CAROLINA.

TABLE 7.—WAGE EARNERS, BY MONTHS: 1919, 1914, AND 1909.

MONTH.	NUMBER. ¹			PER CENT OF MAXIMUM.			MONTH.	NUMBER. ¹			PER CENT OF MAXIMUM.		
	1919	1914	1909	1919	1914	1909		1919	1914	1909	1919	1914	1909
January.....	157,470	138,553	117,007	91.2	97.9	99.9	July.....	150,453	136,775	118,953	87.2	96.7	92.4
February.....	154,933	138,731	118,464	89.8	98.0	92.0	August.....	152,507	135,010	120,417	88.5	95.4	93.5
March.....	156,407	141,491	120,354	90.7	100.0	93.5	September.....	159,740	134,465	123,496	92.6	95.0	95.9
April.....	155,349	140,511	120,038	90.1	99.3	93.2	October.....	167,146	133,804	126,265	96.9	94.6	98.1
May.....	148,083	139,150	118,441	86.2	98.3	92.0	November.....	168,665	133,545	127,774	97.8	94.4	99.2
June.....	147,963	137,182	117,713	85.8	97.0	91.4	December.....	172,512	132,911	128,754	100.0	93.9	100.0

¹ The figures represent the number employed on the 15th of each month or the nearest representative day. Maximum number indicated by bold-faced figures, minimum by italic figures.

TABLE 8.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

[The month of maximum employment for each industry is indicated by bold-faced figures and that of minimum employment by italic figures.]

INDUSTRY AND CITY.	Aver- age num- ber em- ployed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.											Per cent mini- mum is of max- imum	
		Janu- ary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Septem- ber	Octo- ber.	Novem- ber.	Decem- ber.	
All industries.....	157,659	157,470	154,933	156,407	155,349	148,633	147,953	150,453	152,507	159,740	167,146	168,665	172,512	85.8
Males.....	116,391	115,641	113,580	115,953	114,719	108,532	107,795	109,856	111,924	118,390	124,727	125,814	129,431	83.8
Females.....	41,268	41,829	41,353	40,424	40,630	39,851	40,158	40,597	40,673	41,350	42,419	42,851	43,081	92.5
Automobile repairing.....	1,233	1,201	1,202	1,215	1,223	1,201	1,301	1,316	1,324	1,325	1,322	1,332	1,338	89.8
Boxes, wooden packing, except cigar boxes.....	932	914	877	871	900	921	966	988	950	933	885	913	946	88.2
Bread and other bakery products.....	385	370	365	362	387	398	391	382	381	393	400	398	403	80.8
Brick, sewer pipe, and drain tile.....	1,338	752	759	950	1,446	1,622	1,577	1,703	1,789	1,752	1,565	1,238	873	41.8
Carriages and wagons, including repairs.....	1,221	1,260	1,258	1,266	1,255	1,270	1,297	1,272	1,144	1,145	1,164	1,162	1,159	88.2
Cars and general shop construction and repairs by steam-railroad companies.....	4,071	4,118	4,217	4,315	4,327	4,010	3,790	3,870	3,788	3,937	4,136	4,167	4,162	87.5
Clothing, men's.....	392	389	384	345	359	403	404	429	396	415	400	412	408	80.4
Coins, bural cases, and undertakers' goods.....	232	265	275	281	288	260	237	243	236	247	246	229	227	78.8
Confectionery and ice cream.....	316	247	248	266	292	292	305	336	337	379	375	360	357	64.9
Copper, tin, and sheet-iron work.....	336	292	295	300	309	320	337	385	385	359	347	352	351	75.8
Cordage and twine.....	444	383	380	386	381	382	379	503	516	505	510	505	518	70.7
Cotton goods.....	67,297	67,953	67,675	66,782	66,899	66,626	66,043	67,233	66,497	66,563	68,233	68,824	69,436	94.5
Dyeing and finishing textiles, exclusive of that done in textile mills.....	414	403	400	414	385	388	381	425	412	416	406	456	482	79.0
Dyestuffs and extracts—natural.....	335	363	360	349	367	360	363	367	373	356	258	263	241	64.6
Electrical machinery, apparatus, and supplies.....	270	274	265	276	272	273	278	280	272	268	224	265	263	90.7
Fertilizers.....	2,077	2,100	2,292	3,115	3,487	1,913	1,418	1,595	1,584	1,977	1,956	1,733	1,748	40.7
Flour-mill and gristmill products.....	629	624	622	613	601	601	604	616	649	632	663	671	662	88.5
Foundry and machine-shop products.....	1,684	1,599	1,699	1,618	1,629	1,640	1,610	1,647	1,752	1,741	1,717	1,697	1,710	91.3
Furniture.....	7,910	7,402	7,422	7,409	7,558	7,682	8,014	8,243	8,055	7,652	8,392	8,461	8,600	86.1
Gas, illuminating and heating.....	341	336	312	337	351	334	334	342	338	324	322	342	310	83.9
Ice, manufactured.....	757	508	516	543	721	856	998	1,031	1,036	966	749	616	549	48.8
Knit goods.....	10,216	10,479	10,058	9,869	9,753	9,896	10,081	10,031	10,138	10,232	10,479	10,568	10,908	88.6
Leather, tanned, curried, and finished.....	1,385	1,451	1,391	1,360	1,360	1,405	1,442	1,420	1,412	1,370	1,347	1,322	1,310	91.1
Lumber and timber products.....	22,728	22,768	21,009	23,180	21,251	17,917	17,223	17,302	18,499	24,502	28,418	28,478	32,184	53.5
Lumber, planing-mill products, not including planing mills connected with sawmills.....	2,197	2,061	2,079	2,001	2,098	2,154	2,142	2,092	2,249	2,292	2,319	2,317	2,360	87.3
Marble and stone work.....	935	815	887	914	902	898	912	964	889	988	982	978	961	82.4
Mineral and soda waters.....	661	604	598	623	648	670	671	679	683	732	666	661	667	81.7
Oil and cake, cottonseed.....	2,302	2,931	2,956	2,688	2,484	2,093	1,674	1,551	1,368	1,672	2,618	2,929	2,850	45.0
Paving materials.....	274	227	299	248	239	243	246	270	279	322	339	332	317	66.7
Printing and publishing, book and job.....	632	627	620	621	616	617	620	625	636	642	655	650	655	94.0
Printing and publishing, newspapers and periodicals.....	976	952	944	945	961	962	978	974	983	991	989	1,018	1,015	92.7
Silk goods, including throwsters.....	966	959	947	941	918	967	946	1,031	979	971	993	1,046	95.5	85.5
Textile machinery and parts.....	305	305	304	307	300	298	300	303	298	301	308	318	318	93.7
Tobacco, chewing and smoking.....	2,573	2,319	2,212	2,069	2,254	2,342	2,425	2,670	2,884	2,989	2,983	3,007	2,732	68.5
Tobacco, cigars and cigarettes.....	11,683	12,250	11,947	11,575	11,464	10,328	10,509	10,363	11,935	12,162	12,366	12,542	12,542	81.5
All other industries.....	7,172	6,988	7,024	6,593	6,558	7,022	6,889	7,177	7,019	7,281	7,376	7,723	7,814	87.8
<i>Industries showing large proportion of females.</i>														
Clothing, men's.....	319	297	294	276	289	331	330	354	320	340	325	337	335	78.0
Confectionery and ice cream.....	92	59	63	65	70	68	67	83	87	125	139	140	138	42.1
Cordage and twine.....	167	160	149	148	151	152	149	182	186	184	186	183	184	79.6
Cotton goods.....	25,260	25,534	25,564	25,027	25,244	24,729	24,966	25,215	24,618	24,695	25,724	25,790	26,014	94.6
Dyeing and finishing textiles, exclusive of that done in textile mills.....	180	179	173	192	181	181	189	182	168	174	178	185	198	84.8
Electric machinery, apparatus, and supplies.....	124	126	120	124	129	127	131	129	127	118	116	122	120	87.8
Knit goods.....	6,233	6,495	6,205	5,931	6,009	6,070	6,207	6,111	6,195	6,291	6,443	6,706	6,733	88.1
Printing and publishing, book and job.....	156	180	160	155	151	154	154	154	160	156	163	158	157	92.0
Printing and publishing, newspapers and periodicals.....	104	105	105	104	105	104	105	104	99	103	102	106	106	93.4
Silk goods, including throwsters.....	618	585	606	616	604	658	596	617	663	603	602	612	654	88.2
Tobacco, chewing and smoking.....	1,010	942	883	783	845	907	979	1,065	1,113	1,178	1,206	1,188	1,031	64.9
Tobacco, cigars and cigarettes.....	6,323	5,558	5,396	5,405	5,213	4,791	4,672	4,774	5,452	5,871	5,584	5,591	5,589	79.6
Total for cities.....	42,216	42,133	41,589	41,168	41,595	40,898	40,706	41,177	42,506	42,789	44,208	43,997	44,026	92.1
Males.....	29,501	29,157	28,033	28,841	29,198	28,007	28,691	29,010	29,753	29,573	30,349	30,681	30,719	92.7
Females.....	12,715	12,976	12,066	12,327	12,397	12,091	12,015	12,167	12,753	13,216	13,359	13,316	13,307	89.9
ASHEVILLE.....	1,119	1,125	1,112	1,088	1,088	1,115	1,138	1,143	1,125	1,127	1,136	1,116	1,117	95.0
Males.....	957	966	951	944	925	947	975	982	963	966	974	957	954	94.1
Females.....	162	159	161	162	163	168	163	161	162	161	162	159	163	94.6
CHARLOTTE.....	5,161	4,886	4,975	5,013	5,136	5,148	5,059	5,184	5,142	5,225	5,309	5,411	5,444	89.8
Males.....	3,926	3,694	3,787	3,833	3,925	3,915	3,813	3,927	3,912	3,989	4,052	4,127	4,138	89.3
Females.....	1,235	1,192												

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TABLE 8.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919—Continued.

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Per cent minimum is of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
GOLDSBORO.....	1,100	1,009	1,072	1,097	1,155	1,108	1,130	1,106	1,152	1,118	1,090	1,056	1,077	87.4
Males.....	901	901	902	986	1,042	992	1,036	959	1,034	1,001	970	967	958	89.5
Females.....	116	108	110	111	113	116	124	117	118	117	120	119	119	87.1
GREENSBORO.....	1,615	1,404	1,511	1,543	1,586	1,582	1,618	1,657	1,648	1,724	1,718	1,660	1,639	86.7
Males.....	976	855	891	929	971	916	939	977	1,036	1,093	1,092	1,003	980	81.0
Females.....	639	609	620	614	615	606	679	680	612	631	626	657	659	89.6
HIGH POINT.....	4,076	4,133	4,061	4,007	4,044	4,121	4,197	4,151	3,860	3,528	4,204	4,332	4,364	76.7
Males.....	2,786	2,772	2,738	2,697	2,757	2,813	2,833	2,953	2,645	2,241	2,954	2,970	2,959	75.5
Females.....	1,290	1,361	1,323	1,310	1,287	1,308	1,264	1,193	1,215	1,107	1,340	1,362	1,405	78.8
NEW BERN.....	1,586	1,598	1,519	1,645	1,571	1,583	1,543	1,575	1,600	1,633	1,687	1,538	1,631	90.0
Males.....	1,574	1,586	1,507	1,533	1,559	1,571	1,531	1,563	1,597	1,621	1,675	1,526	1,619	90.0
Females.....	12	12	12	12	12	12	12	12	12	12	12	12	12	100.0
RALEIGH.....	1,161	1,176	1,154	1,148	1,194	1,203	1,200	1,202	1,204	1,197	1,228	1,008	1,020	81.9
Males.....	906	902	887	884	928	926	934	930	927	924	955	855	836	87.2
Females.....	255	274	267	264	266	277	266	266	277	273	273	178	184	62.5
ROCKY MOUNT.....	1,562	1,501	1,590	1,660	1,676	1,630	1,598	1,572	1,442	1,433	1,562	1,492	1,588	85.5
Males.....	1,476	1,413	1,486	1,555	1,569	1,529	1,509	1,494	1,380	1,367	1,492	1,400	1,509	87.1
Females.....	86	88	104	105	107	101	89	78	62	66	70	63	79	57.9
SALESBURY.....	1,050	957	961	902	1,035	1,084	1,080	1,107	1,119	1,188	1,049	1,018	1,040	80.6
Males.....	729	638	655	646	717	759	773	771	805	865	696	702	721	73.8
Females.....	321	319	306	316	318	325	307	336	314	323	353	316	319	86.7
WILMINGTON.....	1,846	1,857	1,878	1,879	1,921	1,880	1,870	1,731	1,670	1,898	1,913	1,810	1,845	86.9
Males.....	1,532	1,559	1,573	1,564	1,589	1,562	1,557	1,416	1,361	1,581	1,596	1,500	1,526	85.3
Females.....	314	298	305	315	332	318	313	315	309	317	317	310	319	89.8
WILSON.....	654	651	662	708	717	677	636	609	605	627	637	661	655	84.4
Males.....	533	578	588	627	636	609	561	536	512	567	577	591	584	84.3
Females.....	71	73	74	81	81	68	75	73	63	60	60	73	71	74.1
WINSTON-SALEM.....	12,366	12,667	12,544	12,376	11,969	11,173	11,100	11,276	12,715	12,888	13,060	13,278	13,286	84.0
Males.....	7,586	7,737	7,602	7,539	7,338	6,882	6,941	6,993	7,821	7,593	8,075	8,318	8,213	82.5
Females.....	4,780	4,930	4,942	4,837	4,631	4,311	4,219	4,283	4,894	5,295	4,985	4,960	5,073	79.7

TABLE 9.—AVERAGE NUMBER OF WAGE EARNERS, BY PREVAILING HOURS OF LABOR PER WEEK, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914.

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48. ¹	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
All industries.....	1919	157,659	1,174	310	9,411	20,081	5,934	77,547	39,481	3,721
	1914	136,844	(2)	(2)	2,361	2,578	3,948	17,844	100,236	9,877
	1909	121,473	(2)	(2)	1,648	1,447	3,741	14,016	47,974*	52,647
Automobile repairing.....	1919	1,283	1	—	15	5	85	77	1,100	—
	1914	40	—	—	—	—	3	—	40	—
Boxes, wooden packing, except cigar boxes.....	1919	922	—	—	—	49	—	516	357	—
	1914	924	—	—	—	49	—	191	388	296
Bread and other bakery products.....	1919	385	—	—	70	—	28	26	235	28
	1914	305	(2)	(2)	34	8	40	—	136	87
Brick, sewer pipe, and drain tile.....	1919	1,338	91	52	119	88	1	408	551	28
	1914	1,601	(2)	(2)	67	113	64	460	863	84
Carriages and wagons, including repairs.....	1919	1,221	4	—	43	7	1	420	744	2
	1914	1,377	(2)	(2)	8	4	50	410	904	1
Cars and general shop construction and repairs by steam-railroad companies.....	1919	4,071	—	—	3,143	—	915	8	5	—
	1914	2,806	—	—	—	—	1,670	8	61	1,067
Clothing, men's.....	1919	392	40	—	20	181	—	98	53	—
	1914	385	—	—	—	20	64	123	178	—
Coffins, burial cases, and undertakers' goods.....	1919	252	—	—	3	—	16	188	45	—
	1914	312	—	—	—	—	—	155	157	—
Confectionery and ice cream.....	1919	316	10	—	136	3	21	71	62	13
	1914	110	(2)	(2)	2	—	3	3	64	38
Copper, tin, and sheet-iron work.....	1919	336	13	—	48	34	27	57	157	—
	1914	338	(2)	(2)	21	35	138	20	124	—
Cordage and twine ²	1919	444	—	—	39	—	—	160	245	—
Cotton goods.....	1919	67,297	75	—	484	1,421	1,823	49,804	13,690	—
	1914	53,703	—	—	—	—	—	—	53,491	212
Dyeing and finishing textiles, exclusive of that done in textile mills.....	1919	414	—	—	—	—	—	310	104	—
	1914	194	—	—	—	—	—	—	104	—
Dyestuffs and extracts—natural ³	1919	335	71	—	—	—	—	—	230	34
Electrical machinery, apparatus, and supplies.....	1919	270	—	—	—	111	—	105	54	—
	1914	78	—	—	—	6	—	65	7	—

¹ Includes 48 and under for 1914 and 1909.² Corresponding figures not available.³ Not shown separately in 1914.

TABLE 9.—AVERAGE NUMBER OF WAGE EARNERS, BY PREVAILING HOURS OF LABOR PER WEEK, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914—Continued.

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE							
			44 and under.	Between 44 and 48.	48 ¹	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
Fertilizers.....	1919	2,077	63	(2)	68	88	66	1,408	397	53
	1914	1,690	(2)	(2)	5	9	66	501	983	126
Flour-mill and gristmill products.....	1919	629	21	1	18	13	11	92	437	36
	1914	588	(2)	(2)	11	5	5	15	399	158
Foundry and machine-shop products ²	1919	1,969	51	7	165	46	646	547	507	.....
	1914	1,279	(2)	(2)	9	19	321	195	735	.....
Furniture.....	1919	7,910	.....	.....	233	192	575	5,289	1,621	.....
	1914	5,801	(2)	(2)	162	429	170	502	4,538	.....
Gas, illuminating and heating.....	1919	341	.....	.....	28	.....	6	36	98	173
	1914	210	.....	.....	.....	.....	.....	22	44	144
Ice, manufactured.....	1919	757	1	.....	91	3	6	6	273	377
	1914	519	.....	.....	.....	.....	.....	15	140	364
Knit goods.....	1919	10,216	12	.....	453	3,816	623	3,569	1,743	.....
	1914	7,787	.....	.....	.....	.....	6	683	7,050	18
Leather, tanned, curried, and finished.....	1919	1,385	.....	.....	95	242	.....	149	595	304
	1914	877	.....	.....	.....	.....	.....	139	738	.....
Lumber and timber products.....	1919	22,728	367	132	149	2,376	286	5,586	13,186	646
	1914	30,590	(2)	(2)	578	1,209	180	2,730	21,092	4,801
Lumber, planing-mill products, not including planing mills connected with sawmills.....	1919	2,107	5	36	.....	118	140	1,114	784	.....
	1914	2,860	(2)	(2)	57	417	43	324	1,930	89
Marble and stone work.....	1919	935	142	.....	24	325	64	362	18	.....
	1914	704	(2)	(2)	505	5	135	15	44	.....
Mineral and soda waters.....	1919	661	20	4	102	31	59	126	319	.....
	1914	470	(2)	(2)	31	1	30	19	371	18
Oil and cake, cottonseed.....	1919	2,302	.....	.....	30	24	101	347	1,800	.....
	1914	1,586	.....	.....	.....	.....	.....	77	1,509	.....
Paving materials.....	1919	274	.....	.....	112	.....	99	63	.....	.....
	1914	508	(2)	(2)	45	.....	375	.....	88	.....
Printing and publishing, book and job.....	1919	632	.....	2	558	22	24	8	18	.....
	1914	569	(2)	(2)	345	31	119	13	61	.....
Printing and publishing, newspapers and periodicals.....	1919	976	8	15	562	74	74	78	101	64
	1914	971	(2)	(2)	375	48	301	77	170	.....
Silk goods, including throwsters ⁴	1919	966	.....	.....	.....	.....	812	154	.....	.....
Tobacco, chewing and smoking.....	1919	2,573	115	.....	847	1,524	.....	87	.....	.....
	1914	8,950	.....	.....	60	19	8,834	37	.....	.....
Tobacco, cigars and cigarettes.....	1919	11,083	.....	53	345	8,915	30	2,339	1	.....
	1914	1,517	(2)	(2)	1	17	1,173	326	.....	.....
All other industries.....	1919	7,172	64	8	1,553	255	449	3,491	1,187	165
	1914	7,186	(2)	(2)	105	121	123	1,152	4,770	915
Total for cities.....	1919	42,216	267	65	4,949	14,595	2,716	12,835	5,236	1,553
	1914	29,033	(2)	(2)	812	480	1,656	10,938	12,963	2,184
ASHEVILLE.....	1919	1,119	5	.....	376	251	99	328	27	33
	1914	951	(2)	(2)	76	31	62	99	620	63
CHARLOTTE.....	1919	5,161	81	3	374	74	389	2,197	1,605	438
	1914	3,799	(2)	(2)	81	40	413	170	2,799	296
DURHAM.....	1919	5,977	1	.....	119	3,309	485	1,783	254	26
	1914	4,764	(2)	(2)	61	19	57	2,201	2,407	19
GASTONIA ⁴	1919	2,943	.....	.....	.....	17	1	2,546	329	50
GOLDSBORO ⁴	1919	1,100	7	.....	36	8	98	3	644	304
GREENSBORO.....	1919	1,615	9	53	536	312	168	288	239	10
	1914	1,229	(2)	(2)	77	5	322	114	685	26
HIGH POINT.....	1919	4,076	.....	.....	73	537	148	3,143	169	6
	1914	3,582	(2)	(2)	81	349	112	513	2,502	25
NEW BERN.....	1919	1,586	.....	.....	155	715	21	9	656	30
	1914	848	(2)	(2)	11	.....	214	.....	473	150
RALEIGH.....	1919	1,161	14	.....	283	.....	97	267	333	167
	1914	1,051	(2)	(2)	232	2	67	33	625	92
ROCKY MOUNT.....	1919	1,562	12	.....	481	.....	926	3	71	69
	1914	1,484	(2)	(2)	4	1	10	6	377	1,056
SALISBURY ⁴	1919	1,050	.....	.....	39	.....	16	680	309	6
WILMINGTON.....	1919	1,846	31	8	976	127	23	423	59	199
	1914	1,721	(2)	(2)	109	14	345	138	714	351
WILSON ⁴	1919	654	.....	.....	.....	.....	141	406	107	.....
WINSTON-SALEM.....	1919	12,366	107	1	1,501	9,245	245	1,024	135	108
	1914	9,634	(2)	(2)	80	19	54	7,614	1,761	106

¹ Includes 18 and under for 1914 and 1909.² Corresponding figures not available.³ Includes "textile machinery and parts."⁴ Not shown separately in 1914.

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TABLE 10.—SIZE OF ESTABLISHMENTS, BY AVERAGE NUMBER OF WAGE EARNERS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—																
	Establishments.	(Average number).	No wage earners.	1 to 5 wage earners, inclusive.	6 to 20 wage earners, inclusive.	21 to 50 wage earners, inclusive.	51 to 100 wage earners, inclusive.	101 to 250 wage earners, inclusive.	251 to 500 wage earners, inclusive.	501 to 1,000 wage earners, inclusive.	Over 1,000 wage earners.	Establishments.	Establishments.	Establishments.					
			Establishments.	Establishments.	Establishments.	Establishments.	Establishments.	Establishments.	Establishments.	Establishments.	Establishments.	Establishments.	Establishments.	Establishments.					
All industries.....	5,099	157,659	353	3,488	8,474	1,204	12,452	370	12,212	234	17,129	252	39,865	58	10,329	27	19,289	13	28,909
Automobile repairing.....	309	1,283	4	253	797	49	380	3	106	—	—	—	—	—	—	—	—	—	—
Boxes, wooden packing, except cigar boxes.....	27	922	2	—	4	9	107	10	322	2	139	2	350	—	—	—	—	—	—
Bread and other bakery products.....	70	385	5	36	105	28	256	1	24	—	—	—	—	—	—	—	—	—	—
Brick, sewer pipe, and drain tile.....	95	1,338	1	32	93	43	496	16	494	2	127	1	128	—	—	—	—	—	—
Carriages and wagons, including repairs.....	101	1,221	12	63	166	15	189	5	161	4	314	1	130	1	261	—	—	—	—
Cars and general shop construction and repairs by steam-railroad companies.....	11	4,071	—	2	5	1	8	1	43	—	—	3	473	2	726	1	915	1	1,901
Clothing, men's.....	7	392	—	—	—	1	20	3	107	2	117	1	148	—	—	—	—	—	—
Coffins, burial cases, and undertakers' goods.....	11	252	1	2	8	4	64	3	103	1	77	—	—	—	—	—	—	—	—
Confectionery and ice cream.....	66	316	11	42	80	11	118	—	—	2	118	—	—	—	—	—	—	—	—
Copper, tin, and sheet-iron work.....	86	336	3	65	143	16	148	2	45	—	—	—	—	—	—	—	—	—	—
Cordage and twine.....	5	444	—	—	—	1	15	2	69	—	—	2	360	—	—	—	—	—	—
Cotton goods.....	311	67,297	—	—	—	5	72	23	919	70	5,379	154	24,511	33	11,428	21	14,789	5	10,199
Dyeing and finishing textiles, exclusive of that done in textile mills.....	8	414	—	—	—	1	7	2	66	5	341	—	—	—	—	—	—	—	—
Dye stufts and extracts—natural.....	5	335	—	—	—	1	2	—	1	34	2	156	1	143	—	—	—	—	—
Electrical machinery, apparatus, and supplies.....	7	270	—	—	—	3	32	2	46	1	81	1	111	—	—	—	—	—	—
Fertilizers.....	45	2,077	6	22	11	137	13	444	10	681	5	793	—	—	—	—	—	—	—
Flour-mill and gristmill products.....	374	629	129	227	407	14	111	4	111	—	—	—	—	—	—	—	—	—	—
Foundry and machine-shop products.....	128	1,664	8	58	167	34	334	21	670	7	493	—	—	—	—	—	—	—	—
Furniture.....	107	7,910	2	8	27	16	188	24	801	36	2,801	17	2,553	3	950	1	590	—	—
Gas, illuminating and heating.....	22	341	7	26	8	62	6	200	1	53	—	—	—	—	—	—	—	—	—
Ice, manufactured.....	63	757	1	28	84	20	226	13	394	1	53	—	—	—	—	—	—	—	—
Knit goods.....	121	10,216	12	27	26	362	34	1,100	32	2,225	10	1,508	4	1,296	1	671	2	2,907	—
Leather, tanned, curried, and finished.....	11	1,385	1	1	2	—	—	4	343	4	738	1	304	—	—	—	—	—	—
Lumber and timber products.....	2,762	22,728	32	2,022	4,810	574	5,030	71	2,268	23	1,693	30	4,802	9	2,744	1	715	—	—
Lumber, planing-mill products, not including planing mills connected with sawmills.....	168	2,197	10	61	189	74	889	19	709	2	131	2	299	—	—	2	629	—	—
Marble and stone work.....	58	935	7	37	84	9	119	3	103	—	—	—	—	—	—	—	—	—	—
Mineral and soda waters.....	137	661	1	90	251	46	410	—	—	—	—	—	—	—	—	—	—	—	—
Oil and cake, cottonseed.....	62	2,302	—	4	20	15	227	32	1,038	7	477	4	540	—	—	—	—	—	—
Paving materials.....	9	274	—	2	8	1	20	4	114	2	132	—	—	—	—	—	—	—	—
Printing and publishing, book and job.....	104	632	29	47	113	22	235	4	114	2	170	—	—	—	—	—	—	—	—
Printing and publishing, newspapers and periodicals.....	215	976	29	151	380	28	322	5	155	2	119	2	267	—	1	699	—	—	—
Silk goods, including throwsters.....	3	966	—	—	—	4	47	5	188	1	60	—	—	—	—	—	—	—	—
Textile machinery and parts.....	14	305	4	10	4	48	—	—	1	23	1	53	1	156	1	325	1	1,525	—
Tobacco, chewing and smoking.....	11	2,573	—	—	—	3	20	—	—	1	60	4	582	1	358	1	910	2	10,183
Tobacco, cigars and cigarettes.....	18	11,683	2	6	13	3	20	—	—	1	23	1	156	1	325	1	910	2	2,194
All other industries.....	448	7,172	63	219	431	108	1,187	37	1,181	11	738	7	1,155	1	308	—	—	—	—
Total for cities.....	862	42,216	54	304	817	253	2,553	118	3,762	57	4,005	53	8,624	12	3,825	8	6,566	3	12,064
ASHEVILLE.....	51	1,119	10	8	16	24	243	6	165	—	—	3	695	—	—	—	—	—	—
CHARLOTTE.....	111	5,161	5	25	67	32	384	21	703	16	975	10	1,333	—	—	2	1,699	—	—
DURHAM.....	74	5,977	6	37	99	16	146	8	198	2	200	1	137	—	2	1,892	2	3,305	—
GASTONIA.....	34	2,943	—	5	13	11	100	5	186	2	159	9	1,539	1	300	1	646	—	—
GOLDSBORO.....	50	1,100	1	27	81	14	106	3	112	1	90	3	458	1	253	—	—	—	—
GREENSBORO.....	83	1,615	2	36	97	27	289	10	275	5	345	2	304	1	325	—	—	—	—
HIGH POINT.....	81	4,076	3	19	53	18	203	20	592	13	922	5	994	2	623	1	699	—	—
NEW BERN.....	62	1,586	2	30	112	22	178	3	84	1	99	3	398	—	—	1	715	—	—
RALEIGH.....	83	1,161	7	35	81	23	252	7	201	4	320	2	307	—	—	1	379	1	915
ROCKY MOUNT.....	26	1,562	2	11	30	6	68	4	112	1	58	—	—	—	—	—	—	—	—
SALISBURY.....	31	1,050	10	25	57	15	162	3	111	—	—	2	375	1	379	—	—	—	—
WILMINGTON.....	65	1,846	6	25	57	15	155	11	376	4	300	2	311	2	647	—	—	—	—
WILSON.....	18	854	1	4	16	6	49	4	169	2	159	—	—	1	261	—	—	—	—
WINSTON-SALEM.....	93	12,366	9	32	72	19	238	13	478	6	378	11	1,783	2	658	—	1	8,759	—

TABLE 11.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS: 1919, 1914, AND 1909.

VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
All classes.....	5,999	5,507	4,931	157,659	136,844	121,473	\$943,807,949	\$289,411,987	\$216,656,055	\$416,901,768	\$119,470,016	\$84,794,525
Less than \$5,000.....	1,606	2,674	2,322	2,024	6,152	6,970	4,277,373	5,734,874	5,151,095	3,097,500	3,630,622	3,432,538
\$5,000 to \$20,000.....	2,178	1,453	1,358	8,478	11,335	11,902	22,893,804	14,503,880	13,690,273	15,198,760	8,186,094	7,799,055
\$20,000 to \$100,000.....	1,295	526	820	14,465	20,302	24,074	56,696,285	37,757,441	37,172,248	28,360,505	16,346,945	16,594,882
\$100,000 to \$500,000.....	584	477	409	{ 33,265 } 29,584	{ 57,982 } 40,595	{ 142,030,821 } 136,343,787	{ 103,121,334 } 98,155,193	{ 101,973,523 } 58,668,316	{ 58,947,068 } 55,550,198	{ 45,923,110 } 255,747,737	{ 37,172,248 } 45,083,345	{ 37,172,248 } 29,065,620
\$500,000 to \$1,000,000.....	192	45	22	69,843	27,594	20,595	136,343,787	30,139,285	98,155,193	58,668,316	45,083,345	29,065,620
\$1,000,000 and over.....	144	32	22	—	—	—	—	—	—	—	—	—
All classes.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than \$5,000.....	26.8	48.6	47.1	1.3	4.5	5.7	0.5	2.0	2.4	0.7	3.3	3.6
\$5,000 to \$20,000.....	36.3	26.4	27.5	5.4	8.3	9.8	2.4	5.0	6.3	3.7	6.9	8.2
\$20,000 to \$100,000.....	21.6	15.0	16.6	9.2	15.2	19.8	6.0	13.0	17.2	6.8	13.7	17.5
\$100,000 to \$500,000.....	9.7	8.7	8.3	{ 21.1 }	{ 51.8 }							

TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR SELECTED INDUSTRIES: 1919 AND 1914.

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.					
			Per cent. distribution.				Per cent. distribution.				Per cent. distribution.				Per cent. distribution.			
	1919	1914	1919	1914	1919	1914	1919	1914	1919	1914	1919	1914	1919	1914	1919	1914		
COTTON GOODS.....	311	293	100.0	100.0	67,297	53,703	100.0	100.0	\$318,365,181	\$90,743,683	100.0	100.0	\$131,558,466	\$28,405,261	100.0	100.0		
\$5,000 to \$20,000.....	5	5	1.7	1.7	78	52	0.1	0.1	403,555	3,616,828	0.1	0.1	155,190	13,306	(1)	3.6		
\$20,000 to \$100,000.....	6	53	1.9	18.1	134	2,381	0.2	4.4	403,555	3,616,828	0.1	4.0	1,013,718	1,013,718	0.1	3.6		
\$100,000 to \$500,000.....	113	193	36.3	67.6	9,299	38,697	13.8	72.1	39,244,433	47,234,429	12.3	52.1	15,041,658	20,093,657	11.4	70.7		
\$500,000 to \$1,000,000.....	107	23	34.4	7.8	17,269	25.7	77,143,154	15,643,116	24.2	17.2	30,405,999	24,137,204	23.1	25.6	83,985,619	7,284,530	23.1	25.6
\$1,000,000 and over.....	85	14	27.3	4.8	40,595	12,547	60.3	23.4	201,577,039	-----	63.3	26.6	-----	-----	-----	-----		
FERTILIZERS.....	45	41	100.0	100.0	2,077	1,690	100.0	100.0	27,551,316	10,307,556	100.0	100.0	8,945,496	2,603,039	100.0	100.0		
Less than \$20,000.....	3	0	0.7	22.0	31	77	1.5	4.6	40,851	81,530	0.1	0.8	24,037	37,319	0.3	1.4		
\$20,000 to \$100,000.....	9	9	17.8	22.0	94	170	4.5	10.1	486,940	333,785	1.8	3.7	203,641	81,248	2.3	3.1		
\$100,000 to \$500,000.....	11	17	24.4	41.5	211	1,443	10.2	85.4	3,309,095	5,471,603	12.0	53.1	831,024	2,455,072	9.3	95.4		
\$500,000 to \$1,000,000.....	12	6	26.7	14.6	602	29.0	-----	-----	8,984,655	4,370,933	32.6	42.4	3,067,944	34.3	-----	-----		
\$1,000,000 and over.....	11	.....	24.4	.....	1,139	54.8	-----	-----	14,729,775	-----	53.5	-----	4,818,850	53.9	-----	-----
FLOUR-MILL AND GRISTMILL PRODUCTS.....	374	293	100.0	100.0	629	588	100.0	100.0	24,258,213	8,963,501	100.0	100.0	3,212,624	1,319,718	100.0	100.0		
Less than \$5,000.....	28	47	7.5	16.0	1	47	0.2	8.0	83,775	133,821	0.3	1.5	18,246	34,102	0.6	2.6		
\$5,000 to \$20,000.....	124	132	33.2	45.1	43	152	6.8	25.9	1,481,711	1,498,950	6.1	16.7	254,556	290,459	7.9	22.0		
\$20,000 to \$100,000.....	180	100	48.1	34.1	283	270	45.8	45.9	7,675,585	4,368,521	31.6	48.7	1,231,158	720,649	33.3	54.6		
\$100,000 to \$1,000,000.....	38	14	10.2	4.8	186	119	29.6	20.2	7,007,932	2,957,200	29.3	33.0	986,416	274,509	30.7	20.8		
\$1,000,000 and over.....	4	.....	1.1	.....	111	17.6	-----	-----	7,910,210	-----	32.6	-----	722,248	-----	22.5	-----
FOUNDRY AND MACHINE-SHOP PRODUCTS ^a	142	112	100.0	100.0	1,969	1,279	100.0	100.0	7,195,354	2,476,653	100.0	100.0	4,097,909	1,376,437	100.0	100.0		
Less than \$5,000.....	19	35	13.4	31.2	19	56	1.0	4.4	51,381	102,296	0.7	4.1	29,590	73,010	0.7	5.3		
\$5,000 to \$20,000.....	55	42	38.7	38.4	213	264	10.8	20.6	633,504	424,931	8.8	17.2	450,044	269,972	11.0	19.6		
\$20,000 to \$100,000.....	45	30	31.7	26.8	667	757	33.9	59.2	2,234,450	1,378,237	31.1	55.6	1,295,708	815,680	31.7	59.3		
\$100,000 to \$500,000.....	23	4	16.2	3.6	1,070	202	54.3	15.8	4,276,019	571,189	59.4	23.1	2,319,569	217,786	56.6	15.8		
FURNITURE.....	107	109	100.0	100.0	7,910	5,801	100.0	100.0	29,725,300	9,335,195	100.0	100.0	15,477,339	4,500,090	100.0	100.0		
Less than \$5,000.....	3	7	2.8	6.4	2	23	(1)	0.4	2,482	18,847	(1)	0.2	1,772	12,698	(1)	0.3		
\$5,000 to \$20,000.....	10	17	9.3	15.6	54	221	0.7	3.8	123,916	204,402	0.4	2.2	77,171	105,555	0.5	2.3		
\$20,000 to \$100,000.....	21	45	19.6	41.3	414	1,692	5.2	28.2	1,198,207	2,442,394	4.0	26.2	601,168	1,218,435	3.9	27.1		
\$100,000 to \$500,000.....	57	40	53.3	30.7	4,052	3,805	51.2	66.6	14,246,879	6,669,552	47.9	71.4	6,879,982	3,163,372	44.4	70.3		
\$500,000 to \$1,000,000.....	13	.....	12.1	.....	2,201	27.8	-----	-----	8,883,072	-----	29.9	-----	4,982,336	32.2	-----	-----
\$1,000,000 and over.....	3	.....	2.8	.....	1,187	15.0	-----	-----	5,272,744	-----	17.7	-----	2,934,940	19.0	-----	-----
KNIT GOODS.....	121	74	100.0	100.0	10,216	7,787	100.0	100.0	29,833,568	8,892,362	100.0	100.0	12,251,166	2,482,703	100.0	100.0		
Less than \$5,000.....	4	4	3.3	5.4	3	18	(1)	0.2	9,076	11,658	(1)	0.1	2,606	6,053	(1)	0.2		
\$5,000 to \$20,000.....	13	15	10.7	20.3	118	317	1.2	4.1	169,035	217,892	0.6	2.5	55,239	91,386	0.5	3.7		
\$20,000 to \$100,000.....	45	32	37.2	43.2	1,074	1,590	10.5	20.4	2,445,903	1,472,780	8.2	16.6	854,325	560,316	7.0	22.8		
\$100,000 to \$500,000.....	50	22	41.3	31.1	3,794	5,862	37.1	75.3	10,511,814	7,189,838	35.2	80.8	3,839,024	1,818,968	31.3	73.3		
\$500,000 to \$1,000,000.....	6	1	5.0	.....	1,649	1,649	16.1	.....	4,018,904	-----	13.5	-----	1,621,297	-----	13.2	-----
\$1,000,000 and over.....	3	.....	2.5	.....	3,578	35.0	-----	-----	12,675,836	-----	42.5	-----	5,878,675	48.0	-----	-----
LUMBER AND TIMBER PRODUCTS.....	2,762	2,714	100.0	100.0	22,728	30,590	100.0	100.0	54,928,222	30,529,211	100.0	100.0	39,039,270	20,171,958	100.0	100.0		
Less than \$5,000.....	1,086	1,822	39.3	67.1	1,555	4,643	6.8	15.2	2,896,441	3,706,248	5.3	12.1	2,268,716	2,674,686	5.8	13.3		
\$5,000 to \$20,000.....	1,180	688	42.7	24.6	5,196	6,734	22.9	22.0	11,734,185	6,187,760	21.4	20.2	8,701,224	4,145,974	22.3	20.6		
\$20,000 to \$100,000.....	410	163	14.8	6.0	5,486	6,263	24.1	20.5	15,521,160	6,864,819	28.3	21.6	10,769,114	4,076,905	27.6	20.2		
\$100,000 to \$500,000.....	74	57	2.7	2.1	6,758	12,950	20.7	42.3	16,587,063	11,706,687	30.2	38.8	11,345,258	9,271,393	29.1	46.0		
\$500,000 and over.....	12	4	0.4	0.1	3,733	.....	16.4	.....	8,189,373	2,353,697	14.9	7.7	5,954,967	-----	15.3	-----
LUMBER, PLANING-MILL PRODUCTS, NOT INCLUDING PLANING MILLS CONNECTED WITH SAWMILLS.....	168	206	100.0	100.0	2,187	2,860	100.0	100.0	11,439,082	7,203,909	100.0	100.0	4,300,089	2,357,961	100.0	100.0		
Less than \$5,000.....	23	40	13.7	19.4	25	75	1.1	2.6	59,923	85,644	0.5	1.2	37,649	48,458	0.9	2.1		
\$5,000 to \$20,000.....	38	63	22.6	30.6	169	446	7.7	15.6	426,549	691,744	3.7	9.5	231,104	269,588	5.4	11.4		
\$20,000 to \$100,000.....	74	88	44.0	41.7	822	1,396	37.4	45.8	3,849,140	3,781,471	33.6	51.8	1,513,142	1,259,241	35.2	53.4		
\$100,000 to \$1,000,000.....	33	17	19.6	8.3	1,181	943	53.8	33.0	7,103,470	2,735,050	62.1	37.5	2,518,194	780,674	58.6	33.1		
OIL AND CAKE, COTTONSEED.....	62	62	100.0	100.0	2,302	1,586	100.0	100.0	46,995,107	15,269,364	100.0	100.0	7,872,174	2,155,209	100.0	100.0		
Less than \$100,000.....	16	.....	25.8	.....	162	.....	10.2	.....	576,134	.....	5.7	.....	135,436	48,458	0.9	6.3
\$100,000 to \$500,000.....	36	38	58.1	61.3	1,728	1,424	31.6	69.8	4,107,549	8,102,235	22.9	53.1	1,820,935	2,019,773	23.1	93.7		
\$500,000 to \$1,000,000.....	14	68	22.6	12.9	570	.....	24.8	.....	10,140,010	6,290,995	21.6	41.2	2,044,337	-----	26.0	-----
\$1,000,000 and over.....	12	.....	19.4	.....	1,004	43.6	.....	.....	26,077,548	-----	55.5	.....	4,006,002	-----	50.9	-----

¹ Less than one-tenth of 1 per cent.² Includes the group "\$500,000 to \$1,000,000" and "\$1,000,000 and over."³ Includes "textile machinery and parts."⁴ Includes the group "\$20,000 to \$100,000."⁵ Includes the group "\$1,000,000 and over."⁶ Includes the group "\$1,000,000 and over."

MANUFACTURES—NORTH CAROLINA.

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TABLE 13.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919.

CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.			Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.
ASHEVILLE.....	51	1,119	100.0	\$7,091,211	100.0	\$2,501,799	100.0	NEW BERN.....	62	1,586	100.0	\$5,702,398	100.0	\$3,386,183	100.0
Less than \$5,000.....	9	4	0.4	16,811	0.2	10,114	0.4	Less than \$20,000.....	37	154	9.6	452,894	7.9	360,388	10.6
\$5,000 to \$20,000.....	15	82	7.3	166,834	2.4	98,625	3.9	\$20,000 to \$100,000.....	16	159	10.1	560,264	9.8	322,953	9.5
\$20,000 to \$100,000.....	17	184	16.4	934,635	13.2	420,934	16.8	\$100,000 and over.....	9	1,273	80.3	4,089,240	82.2	2,702,762	79.8
\$100,000 and over.....	10	849	75.9	5,972,931	84.2	1,972,126	78.8	RALEIGH.....	83	1,161	100.0	6,571,008	100.0	2,895,272	100.0
CHARLOTTE.....	111	5,161	100.0	43,095,898	100.0	12,099,513	100.0	Less than \$5,000.....	18	12	1.0	45,538	0.7	30,872	1.1
Less than \$5,000.....	7	3	0.1	12,576	(1)	7,904	0.1	\$5,000 to \$20,000.....	22	76	6.5	235,831	3.4	133,540	4.6
\$5,000 to \$20,000.....	14	46	0.9	146,422	0.3	92,787	0.8	\$20,000 to \$100,000.....	31	309	26.6	1,372,891	20.0	725,557	25.1
\$20,000 to \$100,000.....	43	511	10.5	2,476,744	5.8	1,290,093	10.7	\$100,000 and over.....	12	764	65.8	5,216,748	75.9	2,005,273	69.3
\$100,000 to \$500,000.....	31	1,525	29.5	7,416,457	17.2	3,438,945	23.4	ROCKY MOUNT....	26	1,562	100.0	4,903,500	100.0	2,484,550	100.0
\$500,000 to \$1,000,000.....	8	1,411	27.3	5,535,366	12.8	2,068,455	17.1	Less than \$5,000.....	5	3	0.2	14,217	0.3	7,903	0.3
\$1,000,000 and over.....	8	1,635	31.7	27,508,333	63.8	5,201,269	43.0	\$5,000 to \$20,000.....	8	28	1.8	101,587	2.1	67,313	2.7
DURHAM.....	74	5,977	100.0	70,658,339	100.0	35,980,264	100.0	\$20,000 to \$100,000.....	6	78	5.0	325,225	6.6	189,739	7.6
Less than \$5,000.....	15	12	0.2	43,290	0.1	23,972	0.1	\$100,000 and over.....	7	1,453	93.0	4,462,491	91.0	2,219,595	89.3
\$5,000 to \$20,000.....	22	69	1.2	229,316	0.3	132,051	1.1	SALISBURY.....	31	1,050	100.0	5,126,896	100.0	1,935,144	100.0
\$20,000 to \$100,000.....	27	372	6.2	1,310,643	1.9	639,108	1.8	Less than \$20,000.....	8	25	2.4	78,751	1.5	48,431	2.5
\$100,000 and over.....	10	5,524	92.4	69,076,090	97.8	35,195,133	97.8	\$20,000 to \$100,000.....	15	132	12.6	887,353	17.3	379,813	19.6
GASTONIA.....	34	2,943	100.0	12,012,775	100.0	5,446,732	100.0	\$100,000 and over.....	8	893	85.0	4,160,762	81.2	1,506,900	77.9
\$5,000 to \$20,000.....	6	19	0.6	70,095	0.6	40,719	0.7	WILMINGTON.....	65	1,846	100.0	10,537,306	100.0	4,526,318	100.0
\$20,000 to \$100,000.....	11	114	3.9	506,533	4.2	249,534	4.6	Less than \$5,000.....	8	3	0.2	21,150	0.2	14,296	0.3
\$100,000 to \$500,000.....	5	232	7.9	1,197,616	10.0	384,965	7.1	\$5,000 to \$20,000.....	15	33	1.8	173,423	1.6	104,569	2.3
\$500,000 and over.....	12	2,578	87.6	10,238,591	85.2	4,771,514	87.6	\$20,000 to \$100,000.....	18	172	9.3	816,652	7.7	475,497	10.5
GOLDSBORO.....	50	1,100	100.0	4,142,544	100.0	1,863,326	100.0	\$100,000 and over.....	24	1,638	88.7	9,320,081	90.4	3,931,950	86.8
Less than \$5,000.....	5	6	0.5	11,005	0.3	8,895	0.5	WILSON.....	18	654	100.0	5,089,048	100.0	1,760,937	100.0
\$5,000 to \$20,000.....	14	39	3.5	143,686	3.5	88,763	4.8	Less than \$20,000.....	4	11	1.7	28,039	0.5	13,348	0.8
\$20,000 to \$100,000.....	23	169	15.4	889,884	21.5	461,291	24.8	\$20,000 to \$100,000.....	6	47	7.2	223,886	3.9	139,000	7.9
\$100,000 and over.....	8	886	80.5	3,097,969	74.8	1,304,377	70.0	\$100,000 and over.....	8	596	91.1	5,437,123	95.6	1,608,589	91.3
GREENSBORO.....	83	1,615	100.0	7,457,853	100.0	3,387,593	100.0	WINSTON-SALEM.....	93	12,366	100.0	200,484,834	100.0	103,221,877	100.0
Less than \$5,000.....	10	11	0.7	22,076	0.3	13,604	0.4	Less than \$5,000.....	18	8	0.1	35,938	(1)	22,514	(1)
\$5,000 to \$20,000.....	23	74	4.6	240,692	3.2	148,055	4.4	\$5,000 to \$20,000.....	15	42	0.3	136,361	0.1	70,366	0.1
\$20,000 to \$100,000.....	30	304	18.8	1,432,842	19.2	734,422	22.0	\$20,000 to \$100,000.....	26	352	2.8	1,422,354	0.7	702,193	0.7
\$100,000 and over.....	20	1,226	75.9	5,762,243	77.3	2,441,512	73.2	\$100,000 to \$500,000.....	22	991	8.0	5,092,005	2.5	2,267,168	2.2
HIGH POINT.....	81	4,076	100.0	14,888,797	100.0	7,075,730	100.0	\$500,000 and over.....	12	10,973	88.8	193,798,176	96.7	10,159,636	97.0
Less than \$5,000.....	5	4	0.1	11,363	0.1	8,203	0.1								
\$5,000 to \$20,000.....	15	67	1.6	158,835	1.1	98,153	1.4								
\$20,000 to \$100,000.....	22	311	7.6	919,592	6.2	446,590	6.3								
\$100,000 to \$500,000.....	32	1,591	39.0	6,937,173	46.7	3,055,648	43.2								
\$500,000 and over.....	7	2,103	51.6	6,841,834	46.0	3,467,136	49.0								

¹ Less than one-tenth of 1 per cent.

MANUFACTURES—NORTH CAROLINA.

TABLE 14.—CHARACTER OF OWNERSHIP, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914.

INDUSTRY AND CITY.	Cen-sus year.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.						VALUE OF PRODUCTS.								
					In establishments owned by—			Percent of total.						Of establishments owned by—					
		Individuals.	Corporations.	All others.	Total.	Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.	Total.	Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.	
ALL INDUSTRIES	1919	3,065	1,603	1,326	157,659	13,084	135,350	9,225	8.3	85.8	5.9	\$943,807,949	848,846,110	\$853,423,735	\$41,538,104	5.2	90.4	4.4	
	1914	2,680	1,444	1,383	136,844	14,533	112,215	10,091	10.6	82.0	7.4	289,411,957	21,131,123	249,417,509	18,883,355	7.3	86.2	6.5	
	1909	2,265	1,339	1,327	121,473	14,215	95,885	11,373	11.7	78.9	9.4	216,656,055	17,451,179	182,140,664	17,064,212	8.1	84.1	7.9	
Automobile repairing	1919	176	54	79	1,283	611	375	297	47.6	29.2	23.1	5,002,291	2,153,700	1,387,300	1,461,291	43.1	27.7	29.2	
	1914	5	7	6	49	7	30	12	14.3	61.2	24.5	92,140	14,060	62,350	15,730	67.7	67.7	17.1	
Boxes, wooden packing, except cigar boxes	1919	6	17	4	922	49	802	71	5.3	87.0	7.7	3,186,720	114,212	2,872,759	199,719	3.6	90.1	6.3	
	1914	11	15	6	924	78	593	253	8.4	64.2	27.4	1,808,453	91,215	1,333,217	382,021	5.0	73.8	21.1	
Bread and other bakery products	1919	52	7	11	385	264	68	53	68.6	17.7	13.8	2,571,518	1,665,362	553,890	322,266	65.9	21.5	12.5	
	1914	40	10	16	305	168	79	58	55.1	25.9	19.0	873,381	427,194	283,678	160,590	48.9	32.7	18.4	
Brick, sewer pipe, and drain tile	1919	35	31	29	1,338	297	763	278	22.2	57.0	20.8	3,211,562	632,471	1,973,851	605,570	19.7	61.5	18.0	
	1914	44	34	49	1,601	336	768	497	21.0	48.0	31.0	1,506,894	282,545	846,459	377,890	17.7	56.2	25.1	
Carriages and wagons, including repairs	1919	59	20	22	1,221	262	744	215	21.5	60.9	17.6	5,992,423	973,014	4,020,375	999,034	16.2	67.1	16.7	
	1914	70	25	36	1,377	405	690	282	29.4	50.1	20.5	2,956,926	592,992	1,775,763	588,171	20.1	60.1	10.9	
Cars and general shop construction and repairs by steam-railroad companies	1919	11	—	—	4,071	—	4,071	—	—	100.0	—	13,898,873	—	—	—	—	100.0	—	
	1914	16	—	—	2,806	—	2,806	—	—	100.0	—	5,047,536	—	—	—	—	100.0	—	
Cotton goods	1919	7	296	8	67,297	398	66,045	554	0.6	95.1	1.3	318,368,181	1,707,655	312,993,628	3,666,898	0.5	98.3	1.2	
	1914	11	273	9	53,703	834	52,075	794	1.6	97.0	1.5	90,743,683	1,811,435	87,604,305	1,237,853	2.0	96.6	1.4	
Fertilizers	1919	3	39	3	2,077	—	2,002	175	—	—	—	27,551,316	—	—	—	—	96.1	3.9	
	1914	4	33	4	1,690	52	1,611	27	3.1	93.3	1.6	10,307,850	384,074	9,882,332	41,450	3.7	95.9	0.4	
Flour-mill and gristmill products	1919	192	75	107	629	191	322	116	30.4	51.2	18.4	24,258,213	5,609,155	14,468,627	4,180,431	23.1	59.6	17.2	
	1914	136	74	103	588	221	190	177	37.6	32.3	30.1	8,963,501	2,640,852	3,784,363	2,538,286	29.5	42.2	28.3	
Foundry and machine-shop products. ²	1919	58	56	28	1,969	234	1,544	191	11.9	78.4	9.7	7,195,354	884,331	5,531,763	779,260	12.3	76.9	10.8	
	1914	48	45	19	1,279	231	778	270	18.1	60.8	21.1	2,476,553	405,605	1,569,900	501,148	16.4	63.4	20.2	
Furniture	1919	12	85	10	7,910	242	6,705	963	8.1	84.8	12.2	29,725,300	976,726	25,777,172	2,971,402	3.3	86.7	10.0	
	1914	4	89	16	5,801	113	5,259	429	1.9	90.7	7.4	9,355,195	246,340	8,356,631	732,224	2.6	89.5	7.8	
Knit goods	1919	13	93	15	10,216	193	9,660	363	1.9	94.6	3.6	29,833,568	588,249	27,988,869	1,266,450	2.0	93.8	4.2	
	1914	10	57	7	7,787	360	7,241	186	4.6	93.0	2.4	8,892,362	296,806	8,407,655	187,901	3.3	94.6	2.1	
Leather, tanned, curried, and finished	1919	2	7	2	1,335	—	1,082	1,303	—	78.1	21.9	17,848,526	—	—	—	—	68.8	31.2	
	1914	5	6	6	877	—	613	1,264	—	69.9	30.1	7,182,400	—	—	—	—	59.0	40.9	
Lumber and timber products	1919	1,866	189	707	22,728	7,723	11,257	3,748	34.0	49.5	16.5	54,928,222	19,002,158	26,128,881	9,797,183	34.6	47.6	17.8	
	1914	1,708	176	830	30,590	9,053	16,532	5,005	29.6	54.0	16.4	30,529,211	8,262,493	17,229,674	5,037,039	27.1	56.4	16.5	
Lumber, planing-mill products, not including planing mills connected with sawmills	1919	55	72	41	2,197	342	1,518	337	15.6	69.1	15.3	11,439,082	2,054,360	7,534,980	1,849,733	18.0	65.9	16.2	
	1914	63	86	57	2,800	544	1,924	392	19.0	67.3	13.7	7,293,909	1,339,271	4,796,198	1,158,440	18.4	65.8	15.9	
Mineral and soda waters	1919	52	48	37	661	205	262	194	31.0	39.6	29.3	5,434,393	1,889,070	2,304,011	1,741,312	25.6	42.4	32.0	
	1914	55	42	35	470	160	209	101	34.0	44.5	21.5	1,706,745	434,704	852,712	369,329	28.4	50.0	21.6	
Patent and proprietary medicines	1919	9	15	3	212	87	205	—	3.3	99.7	—	4,883,436	865,232	4,818,204	6,200	1.3	98.7	—	
	1914	5	15	6	74	1	59	14	1.4	79.7	18.9	—	511,568	6,200	468,961	36,407	1.2	91.7	7.1
Printing and publishing, newspapers and periodicals	1919	93	85	37	976	215	675	86	22.0	69.2	8.8	4,340,731	747,860	3,318,446	522,845	17.2	76.4	6.3	
	1914	120	76	42	971	335	519	117	34.5	53.5	12.0	—	—	—	274,425	207,918	24.3	66.0	9.7
Total for cities	1919	275	451	136	42,216	2,095	39,062	1,059	5.0	92.5	2.5	398,643,407	11,381,350	381,610,227	5,651,821	2.9	95.7	1.4	
	1914	193	338	87	29,033	1,459	26,410	1,184	5.0	91.0	4.0	100,986,515	3,510,903	95,151,647	2,314,965	3.5	94.2	2.3	
ASHEVILLE	1919	19	24	8	1,119	68	965	86	6.1	86.2	7.7	7,091,211	291,185	6,330,842	469,184	4.1	89.3	6.6	
	1914	18	21	6	951	94	766	91	9.9	80.5	9.6	3,148,802	159,009	2,776,325	213,463	5.0	88.2	6.8	
CHARLOTTE	1919	29	73	9	5,161	323	4,701	77	6.3	92.2	1.5	43,095,898	1,557,045	41,041,585	497,268	3.6	95.2	1.2	
	1914	19	75	13	3,799	270	3,454	75	7.1	90.9	2.0	10,982,113	627,947	10,100,635	233,531	5.7	92.1	2.1	
DURHAM	1919	30	26	18	5,977	129	5,774	74	2.2	96.6	1.2	70,659,330	561,157	69,730,889	367,293	0.8	98.7	0.5	
	1914	25	30	7	4,764	88	4,654	22	1.8	97.7	0.5	27,567,258	250,115	27,279,043	62,100	0.9	98.8	0.2	
GASTONIA ⁴	1919	9	20	5	2,943	77	2,848	18	2.6	96.8	0.6	12,012,775	288,721	11,609,083	114,071	2.4	96.6	1.0	
GOLDSBORO ⁴	1919	15	21	14	1,100	54	988	60	4.9	93.6	5.5	4,142,544	212,211	3,604,447	325,886	5.1	87.0	7.9	
GREENSBORO	1919	28	41	14	1,615	291	1,247	77	18.0	77.2	4.8	7,457,853	1,906,741	5,233,321	297,791	25.6	70.4	4.0	
	1914	27	30	13	1,229	194	925	110	15.8	75.3	0.0	3,464,328	583,783	2,702,053	178,492	16.9	78.0	5.1	
HIGH POINT	1919	26	48	7	4,076	335	3,610	131	8.2	88.6	3.2	14,868,707	1,816,508	12,595,170	457,119	12.2	84.7	3.1	
	1914	23	47	12	3,582	195	3,095	292	5.4	86.4	8.2	—	381,473	5,055,839	494,449	6.4	85.2	8.3	
NEW Bern	1919	27	27	8	1,586	137	1,420	29	8.6	89.6	1.8	5,702,398	628,076	4,983,992	90,330	11.0	87.4	1.6	
	1914	9	17	3	848	58	725	65	6.8	85.5	7.7	1,910,497	169,084	1,665,464	75,949	8.8	87.2	4.0	
RALEIGH	1919	26	41	16	1,101	133	973	55	11.5	53.8	4.7	6,871,008	434,597	6,145,058	291,353	6.3	89.4	4.2	
	1914	24	26	9	1,051	163													

MANUFACTURES—NORTH CAROLINA.

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TABLE 15.—MANUFACTURES, BY POPULATION GROUPS, IN CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

	Census year.	Aggregate.	CITIES HAVING A POPULATION OF 10,000 OR OVER.						THE STATE OUTSIDE OF CITIES HAVING A POPULATION OF 10,000 OR OVER.	
			Total.		10,000 to 25,000.		25,000 to 100,000.		Number or amount.	Per cent of aggregate.
			Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.		
Number of places.....	1919	.....	14	.....	10	.....	4	.....	.....	.....
	1914	.....	10	.....	7	.....	3	.....	.....	.....
	1909	.....	7	.....	5	.....	2	.....	.....	.....
Population ¹	1920	2,559,123	310,512	12.1	153,903	6.0	156,609	6.1	2,248,611	87.9
	1915	2,339,452	208,956	8.9	114,190	4.9	94,766	4.1	2,130,496	91.1
	1910	2,206,287	154,578	7.0	94,816	4.3	59,762	2.7	2,051,709	93.0
Number of establishments.....	1919	5,999	862	14.4	542	9.0	320	5.3	5,137	55.6
	1914	5,507	618	11.2	367	6.7	251	4.6	4,859	58.8
	1909	4,931	465	9.4	293	5.9	172	3.5	4,466	90.6
Average number of wage earners.....	1919	157,659	42,216	26.8	21,724	13.8	20,492	13.0	115,443	73.2
	1914	136,844	29,033	21.2	13,579	10.1	15,154	11.1	107,811	78.8
	1909	121,473	19,700	16.2	14,283	11.8	5,412	4.5	101,773	83.8
Value of products.....	1919	\$943,807,949	\$398,643,407	42.2	\$137,434,158	14.6	\$261,209,249	27.7	\$645,164,542	57.8
	1914	289,411,987	100,986,515	34.9	47,711,215	16.5	53,275,300	18.4	188,425,472	65.1
	1909	216,056,055	62,336,666	28.8	48,872,265	22.6	13,464,401	6.2	154,319,389	71.2
Value added by manufacture.....	1919	416,901,768	188,525,188	45.2	60,175,681	15.9	122,349,507	29.3	228,376,580	54.8
	1914	119,470,016	49,657,569	41.6	23,292,055	19.5	26,395,514	22.1	69,732,447	58.4
	1909	94,794,525	31,946,264	33.7	26,910,387	28.4	5,029,877	5.3	62,848,281	66.3

¹ Population of 1920, as of Jan. 1, 1920; 1915, estimated population as of July 1, 1914 (per reports census of manufactures, 1914); 1910, as of Apr. 15, 1910.

TABLE 16.—NUMBER AND HORSEPOWER OF TYPES OF PRIME MOVERS: 1919, 1914, AND 1909.

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.					
	1919	1914	1909	Amount.			Per cent distribution.		
				1919	1914	1909	1919	1914	1909
Primary power, total.....	21,785	10,646	7,373	549,878	508,085	378,556	100.0	100.0	100.0
Owned.....									
Steam ¹	5,456	5,944	5,386	352,424	377,692	317,281	64.1	74.3	83.8
Engines.....	4,502	4,929	4,500	303,242	331,132	271,944	55.1	65.2	71.8
Turbines.....	4,425	(2)	(3)	277,402	(2)	(2)	50.4	.....	.....
Internal-combustion engines.....	77	(2)	(2)	25,840	(2)	(2)	4.7	.....	.....
Water.....	406	492	316	6,556	5,379	3,391	1.2	1.0	0.9
Water wheels and turbines.....	548	523	570	42,626	41,181	41,926	7.8	8.1	11.1
Water motors.....	544	493	561	42,617	40,195	41,619	7.8	7.9	11.0
Rented.....	16,339	4,702	1,987	197,454	130,393	61,295	35.9	25.7	16.2
Electric.....	16,339	4,702	1,987	197,384	128,660	60,044	35.9	25.3	15.9
Other.....				70	1,733	1,231	(3)	0.3	0.3
Electric.....	21,787	6,739	2,708	260,546	163,161	86,002	100.0	100.0	100.0
Rented.....	16,339	4,702	1,987	197,384	128,660	60,044	75.8	78.9	69.8
Generated by establishments reporting.....	5,448	2,037	721	63,162	34,501	25,958	24.2	21.1	30.2

¹ Figures for horsepower include for 1909 the amount reported under the head of "Other" owned power.² Not reported separately.³ Less than one-tenth of 1 per cent.

MANUFACTURES—NORTH CAROLINA.

TABLE 17.—FUEL CONSUMED, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

INDUSTRY AND CITY.	COAL.		Coke (tons, 2,000 pounds).	Fuel oils (barrels).	Gasoline and other volatile oils (barrels).	Gas (1,000 cubic feet).
	Anthracite (tons, 2,240 pounds).	Bituminous (tons, 2,000 pounds).				
All industries.....	1919. 43,425	1,359,142	14,999	38,734	12,475	9,050
Per cent of increase ²	1914. 23,154 87.5	1,192,237 14.0	22,258 -32.7	29,724 72.2	(1) (1)	12,883 -39.2
Brick, sewer pipe, and drain tile.....	1,209	77,833	1,205	309	16	.....
Cars and general shop construction and repairs by steam-railroad companies.....		59,277	322	10,136	173	.....
Chemicals.....		14,551				.....
Cotton goods.....	34,729	454,708	19	226	231	.....
Fertilizers.....	951	20,285	139	230	1,323	.....
Flour-mill and gristmill products.....	114	6,638	2	1,873	2,891	.....
Foundry and machine-shop products.....	30	3,261	3,450	39	496	204
Furniture.....	60	29,450	497	62	35	.....
Gas, illuminating and heating.....		59,302	4,011	24,733		.....
Ice, manufactured.....		64,057			20	.....
Knit goods.....	156	45,729	215	68	209	746
Leather, tanned, curried, and finished.....		41,413				.....
Lumber and timber products.....	1,290	64,517	60	326	2,574	.....
Marble and stone work.....	7	8,297	15	3	512	.....
Oil and cake, cottonseed.....	3,781	90,811	1,150	60	75	.....
Paper and wood pulp.....		143,319			166	.....
Tobacco, chewing and smoking.....		11,380				.....
Tobacco, cigars and cigarettes.....		50,200				.....
All other industries.....	1,037	114,037	3,904	668	3,754	8,100
Total for cities.....	1,567	331,588	7,261	22,979	979	7,689
ASHEVILLE.....	90	19,408	188	2	18	412
CHARLOTTE.....	1,214	57,713	2,200	3,531	303	1,722
DURHAM.....	2	35,958	94	2	40	700
GASTONIA.....		19,189	227			92
GOLDSBORO.....	2	5,236	451	1,428	26	185
GREENSBORO.....	21	10,871	769	1,167	100	1,436
HIGH POINT.....	10	21,116	112			.....
NEW BERN.....	90	8,065	375	1,502	66	219
RALEIGH.....	15	17,653	217	12	118	50
ROCKY MOUNT.....		26,992	1,090	7,433	148	25
SALISBURY.....		14,576	4	2	1	.....
WILMINGTON.....	5	19,946	80	4,535	45	.....
WILSON.....	18	8,128	500	1,908	30	.....
WINSTON-SALEM.....	100	66,746	894	1,287	84	2,848

¹ Included in figures for fuel oils.² A minus sign (—) denotes decrease.

SPECIAL STATISTICS.

For a number of important industries the Census Bureau collects, by means of special schedules, certain details which do not appear on the general schedule. Data for seven of these industries for North Carolina are here presented.

Cotton goods (Table 18).—This table shows in detail the quantity and cost of the materials used, and the quantity and value of the principal products of the cotton-goods industry in North Carolina, for 1919, 1914, and 1909.

The manufacture of cotton goods was the leading industry in North Carolina in 1919. As a cotton manufacturing state, North Carolina ranked first among the cotton-growing states, and second in the United States.

The cost of raw cotton constituted 83.8 per cent of the total cost of materials used in the industry in 1919. In both quantity and cost the state ranked second in the United States. The increased consumption—37.7

per cent from 1909 to 1919—was in keeping with the increase in spindles, as shown in Table 20. This is the greatest relative increase shown for any state, with a capacity of one million spindles, engaged in the manufacture of cotton goods.

The chief products of the industry were woven goods and yarns, which in 1919 formed 54.2 per cent and 42.8 per cent, respectively, of the total value of these products. The value of yarns made for sale was much larger in proportion to the total value of products than the value reported from any other state, nearly one-half of the cotton spindles operating for the production of yarns only. For woven goods the value of ticks and denims was not only the largest of any group but it was larger than that reported in all other states combined. Sheetings, cotton flannel, and ginghams were also made in large quantities, the fabric constructions being almost wholly of the coarser variety.

TABLE 18.—COTTON GOODS: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$186,779,715	\$62,338,422	\$48,687,572
Cotton:			
Domestic—			
Pounds.....	479,263,912	415,424,339	348,979,258
Cost.....	\$155,667,051	\$51,040,026	\$40,605,341
Foreign—			
Pounds.....	2,080,563	2,846,386	1,231,356
Cost.....	\$337,390	\$462,599	\$237,643
Cotton yarns, purchased:			
Pounds.....	6,627,862	10,550,363	9,738,724
Cost.....	\$4,031,297	\$2,097,731	\$1,789,555
Cotton waste, purchased:			
Pounds.....	2,142,844	1,919,953	6,041,351
Cost.....	\$278,992	\$128,442	\$335,595
Starch, cost.....	\$765,198	\$300,070	\$214,975
Chemicals and dyestuffs, cost.....	\$2,037,435	\$1,064,210	\$713,030
Fuel and rent of power, cost.....	\$5,758,300	\$3,096,670	\$2,170,315
All other materials, cost.....	\$16,404,052	\$4,148,674	\$2,627,218
PRODUCTS.			
Total value.....	\$318,368,181	\$90,743,683	\$72,680,385
Woven goods (over 12 inches wide):			
Pounds.....	231,142,806	(1)	(1)
Square yards.....	769,846,326	748,119,020	625,876,309
Value.....	\$172,488,385	\$50,221,104	\$42,192,107
Sheetings—			
Pounds.....	37,886,220	(1)	(1)
Square yards.....	156,590,868	245,822,462	
Value.....	\$28,064,120	\$12,272,492	
Print cloth—			
Pounds.....	11,305,894	(1)	(1)
Square yards.....	70,360,345		
Value.....	\$7,888,751		
Lawns, bunting, and similar muslins—			
Pounds.....	1,451,696	61,619,718	2,269,603,261
Square yards.....	7,041,811		
Value.....	\$1,262,163	\$1,991,459	\$13,285,679
Shirtings—			
Pounds.....	17,237,152	(1)	(1)
Square yards.....	63,223,540	35,496,981	
Value.....	\$13,564,979	\$2,919,938	
Gingham—			
Pounds.....	21,017,005	(1)	(1)
Square yards.....	105,680,259	100,741,627	111,994,426
Value.....	\$19,836,135	\$8,427,154	\$7,103,532
Drills—			
Pounds.....	14,214,296	(1)	(1)
Square yards.....	38,630,477	18,438,152	18,940,774
Value.....	\$9,180,838	\$912,799	\$1,119,822
Twills, sateens, etc.—			
Pounds.....	3,431,323	(1)	(1)
Square yards.....	14,602,532	15,718,054	12,473,668
Value.....	\$2,823,646	\$1,239,480	\$814,767
Ticks and denims—			
Pounds.....	43,949,512	(1)	(1)
Square yards.....	91,881,497	85,473,708	97,997,821
Value.....	\$29,276,705	\$9,045,956	\$9,801,356
Cotton flannel (canton flannel, flannelettes, and blanketings)—			
Pounds.....	28,507,076	(1)	(1)
Square yards.....	98,436,715	90,152,119	64,627,668
Value.....	\$20,447,106	\$7,262,674	\$5,389,195
Duck—			
Pounds.....	5,626,584	(1)	(1)
Square yards.....	7,143,116	(1)	(1)
Value.....	\$5,244,924	(1)	(1)
Cotton table damask—			
Pounds.....	5,885,975	(1)	(1)
Square yards.....	16,071,805	(1)	(1)
Value.....	\$4,644,155	(1)	(1)
Other woven goods—			
Pounds.....	40,630,073	(1)	(1)
Square yards.....	100,183,361	94,656,199	50,238,691
Value.....	\$30,354,883	\$8,149,152	\$4,877,756
Yarns for sale:			
Pounds.....	193,191,556	168,310,924	142,213,450
Value.....	\$136,208,931	\$37,538,174	\$28,312,873
Cotton waste for sale:			
Pounds.....	40,610,235	38,455,783	34,861,543
Value.....	\$4,055,503	\$1,390,461	\$836,652
All other products, value.....	\$5,615,362	\$1,593,944	\$1,338,753

¹ Not reported.² Designated at the census of 1909 as "plain cloth for printing and converting" and "brown or bleached sheetings and shirtings."³ Figures can not be shown without disclosing individual operations.⁴ Comparative figures not available.

Knit goods (Table 19).—Statistics of the knit-goods industry in North Carolina, relating to the quantity and cost of the materials used and to the quantity and value of the principal products, are shown in detail in Table 19 for 1919, 1914, and 1909.

The number of establishments engaged in the manufacture of knit goods has nearly doubled in the last ten years. During the five-year period 1909 to 1914 a gain of 12 establishments was recorded, while the following five-year period 1914 to 1919 showed a much larger gain—47 establishments. Cotton yarn and raw cotton were the principal purchased materials used. The quantity of raw cotton has continued to increase, but the quantity of purchased cotton yarn has shown a tendency to fall off with the increase in spindles.

The knit-goods industry in North Carolina which was largely confined to hosiery has recently branched out into other lines of the industry, chiefly the manufacture of union suits. At the census of 1919 the value of hosiery products formed 64.5 per cent of the total for the industry in the state, while in 1914 and 1909 the corresponding proportions were 69.8 and 79.6 per cent, respectively. The decrease in the number of dozens of separate shirts and drawers in favor of the union suit at the last census in this state is in keeping with the general trend of the knit-goods industry for the United States.

TABLE 19.—KNIT GOODS: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$17,582,402	\$6,409,659	\$3,012,295
Cotton:			
Pounds.....	14,169,262	10,212,853	3,531,967
Cost.....	\$5,155,400	\$1,688,419	\$398,635
Cotton yarn, purchased:			
Pounds.....	10,734,509	12,333,975	9,527,471
Cost.....	\$7,844,170	\$2,602,344	\$1,858,760
Chemicals and dyestuffs, cost.....	\$243,089	\$239,471	\$151,329
Cost of fuel and rent of power.....	\$379,729	\$180,412	\$92,312
All other materials, cost.....	\$3,960,014	\$1,729,013	\$510,759
PRODUCTS.			
Total value.....	\$29,833,568	\$8,892,362	\$5,151,692
Cotton hose:			
Dozen pairs.....	5,550,547	5,917,709	3,879,392
Value.....	\$12,956,499	\$4,450,879	\$2,877,922
Cotton half hose:			
Dozen pairs.....	3,533,078	2,829,273	1,926,748
Value.....	\$6,299,774	\$1,753,598	\$1,222,767
Cotton shirts and drawers:			
Dozens.....	417,219	686,519	409,635
Value.....	\$3,559,166	\$1,760,605	\$805,043
Cotton union suits:			
Dozens.....	376,911	95,467	47,650
Value.....	\$3,778,831	\$367,145	\$95,302
Cotton yarn, for sale:			
Pounds.....	4,021,742	1,747,877	664,287
Value.....	\$2,185,016	\$397,353	\$92,043
All other products, value.....	\$1,054,282	\$132,782	\$57,415

Machinery used in textile mills (Table 20).—The rapid growth of the textile industry in North Carolina is indicated by the increase in number of spindles, looms, and knitting machines, as shown in Table 20 for 1919, 1914, and 1909.

This table shows that all branches of the textile industry in North Carolina have expanded in machinery equipment except wool manufactures, which shows a decrease in both spindles and looms from 1909 to 1919. The machinery used in cotton manufac-

tures is by far the most important, the cotton mills in this state having reported a million cotton spindles at the census of 1899, and the spindle increase at each succeeding census has been greater than in any other state. The increase from 1904 to 1909 was 55.3 per cent; from 1909 to 1914, 28.6 per cent; and from 1914 to 1919, 24.9 per cent. During the 15 years, 1904 to 1919, the cotton manufacturing industry in the state has risen from comparative unimportance to great prominence.

TABLE 20.—MACHINERY USED IN TEXTILE MILLS: 1919, 1914, AND 1909.

MACHINE.	Cen-	Total.	INDUSTRY.			
			Cotton goods.	Knit goods.	Woolen, worsted, and felt goods, and wool-felt hats.	Silk goods, including throwsters.
Producing spindles (not including doubling and twisting spindles).....	1919	4,776,202	4,622,714	91,324	12,846	49,318
	1914	3,823,350	3,708,622	62,056	12,820	39,842
	1909	2,972,261	2,908,383	24,944	13,434	25,500
Looms.....	1919	¹ 72,299	71,535	.....	245	¹ 516
	1914	61,622	60,931	.....	175	516
	1909	51,467	50,840	.....	268	361
Knitting machines.....	1919	² 16,427	.....	² 16,427	.....	.....
	1914	10,959	.....	10,959	.....	.....
	1909	6,395	.....	6,395	.....	.....

¹ Includes 229 looms idle entire year.

² Includes 2,193 knitting machines idle entire year.

Fertilizers (Table 21).—Table 21 shows the details for the fertilizer industry in 1919. North Carolina ranked fourth among the states in the manufacture of fertilizers, and the industry ranked eighth among the manufacturing industries of the state. There was a large production of fertilizers by the cottonseed oil mills, and the statistics for the industry in Table 21 include these subsidiary fertilizers. The production figures, therefore, represent the total production, irrespective of the industry classification of the establishments. The fertilizer products of the state in 1914 totaled 635,230 tons, valued at \$11,702,757, showing an increase for 1919, as compared with 1914, of 25 per cent in quantity production and 173 per cent in value.

TABLE 21.—FERTILIZERS: 1919.

ITEM.	Amount and value.
Total value.....	\$32,493,753
Fertilizer industry.....	27,551,316
Subsidiary fertilizer products of cottonseed oil mills.....	4,942,437
Fertilizers:	
Tons (2,000 pounds).....	794,135
Value.....	\$31,602,546
Average unit value, ton.....	\$40.13
Complete and ammoniated fertilizers—	
Tons.....	463,167
Value.....	\$21,096,233
Superphosphates and concentrated phosphates—	
Tons.....	206,231
Value.....	\$5,210,407
All other—	
Tons.....	124,727
Value.....	\$5,595,856
All other products.....	\$501,207

Flour-mill and gristmill products (Table 22).—This table shows the kind, quantity, and value of the different products of this industry for 1919, 1914, and 1909.

Wheat flour was the product of chief value in 1919, as it was in 1914, forming 63.6 per cent and 58.4 per cent, respectively, of the total value of all products of the flour-mill and gristmill industry in the state. The total value of products increased \$15,294,712, or 170.6 per cent, during the five-year period 1914-1919. Illustrating the abnormal increase in the value of the wheat flour, the gain in quantity from 1914 to 1919 is shown to be 38.2 per cent as compared with 194.8 per cent in value.

TABLE 22.—FLOUR-MILL AND GRISTMILL PRODUCTS (MERCHANT MILLS): 1919, 1914, AND 1909.

	1919	1914	1909
Total value.....	\$24,258,213	\$8,963,501	\$8,501,219
Wheat flour:			
Barrels.....	1,315,322	951,805	759,072
Value.....	\$15,423,355	\$5,231,853	\$4,763,956
Corn meal and corn flour:			
Barrels.....	624,431	543,491	596,872
Value.....	\$4,980,429	\$2,043,292	\$2,294,882
Rye flour:			
Barrels.....	1,070	2,250	1,155
Value.....	\$10,542	\$11,899	\$6,470
Buckwheat flour:			
Pounds.....	38,125	55,700	73,500
Value.....	\$2,350	\$1,765	\$2,310
Barley meal:			
Pounds.....	22,800	.....	.....
Value.....	\$5,664	.....	.....
Hominy and grits:			
Pounds.....	1,900,750	2,109,250	8,056,030
Value.....	\$80,063	\$40,120	\$142,658
Bran and middlings:			
Tons.....	56,322	42,145	.....
Value.....	\$2,802,102	\$1,045,345	.....
Feed and offal:			
Tons.....	14,881	19,550	47,949
Value.....	\$936,608	\$550,917	\$1,271,025
All other products, value.....	\$8,100	\$32,340	\$18,948

Leather, tanned, curried, and finished (Table 23).—This table shows for 1919, 1914, and 1909 the kind, quantity, and value of leather produced in the state of North Carolina.

The value of products reported for 1919 is more than double that reported for 1914, and over three times the value for 1909. Nearly all of the leather in 1919 was oak sole and oak belting, including offal. Some rough leather and a small quantity of harness leather were produced. The value of work done on materials furnished by others in 1919 was 104 per cent greater than in 1914.

TABLE 23.—LEATHER, TANNED, CURRIED, AND FINISHED: 1919, 1914, AND 1909.

PRODUCT.	1919	1914	1909
Total value.....	\$17,848,526	\$7,182,400	\$5,415,495
Leather:			
Oak sole—			
Sides.....	456,455	447,568	371,401
Value.....	\$5,203,337	\$3,388,408	\$2,677,033
Oak belting—			
Sides.....	424,710	203,812	246,956
Value.....	\$8,772,755	\$2,896,549	\$1,591,947
Sole and belting offal, value.....	2,180,198	(1)	(1)
All other, value.....	10,100	422,057	743,221
All other products, value.....	\$90,539	\$7,413	\$3,494
Work on materials for others, value.....	791,597	387,973	349,800

¹ Not reported separately.

Lumber and timber products (Table 24).—This table presents statistics pertaining to the chief products of the lumber industry for 1919, 1914, and 1909. Lumbering is one of the oldest, as well as one of the most important, manufacturing industries in North Carolina.

The period of greatest development in the industry has been since 1890. The largest cut reported for any one year was in 1914, and the 1919 cut compared with the output for that year decreased 25.7 per cent. In 1909 and 1914, North Carolina ranked fourth among the states in the production of lumber, and in 1919, seventh. This state reported a larger number of sawmills than any other state in 1919, but most of the mills were small, the average cut being only 514,759 feet.

The lumber cut from the principal species in 1919 was reported as follows: Yellow pine, 1,240,142,000 feet, or 75 per cent of the total cut from all species in the state; oak, 136,129,000 feet, or 8.2 per cent; chestnut, 69,507,000 feet, or 4.2 per cent; hemlock, 48,462,000 feet, or 2.9 per cent; and spruce, 42,976,000 feet, or 2.6 per cent. Among other woods sawed into lumber in considerable quantities were yellow poplar, gum, cypress, maple, and tupelo.

TABLE 24.—LUMBER, LATH, AND SHINGLES: 1919, 1914, AND 1909.

PRODUCT.	QUANTITY. ¹		
	1919	1914	1909
Lumber..... M feet b. m.	1,654,435	2,227,854	2,177,715
Lath..... thousands.....	19,079	(2)	70,724
Shingles..... thousands.....	92,139	(2)	280,942

¹ The output of custom mills is included in 1919 and 1909, but not in 1914.

² Not reported.

Printing and publishing (Table 25).—This table shows the number of publications in the state, together with their aggregate circulation per issue, for the census years 1919, 1914, and 1909.

The increase in circulation of the daily papers was 48.5 per cent for the five-year period from 1914 to 1919, and 90.9 per cent for the decade. The growth shown for the circulation of Sunday papers is also large—32.9 per cent for the five-year period and 197.2 per cent for the decade.

Of the 33 daily papers, 24 with a circulation of 84,189 were issued in the afternoon—an increase of 79 per cent from 1914 to 1919 and of 89.9 per cent for the ten-year period. Nine with a circulation of

95,217 were issued in the morning—an increase of 29 per cent during the five years and of 91.9 per cent for the decade. The morning circulation predominated also at the censuses of 1914 and 1909.

The reduction shown in the aggregate circulation per issue of all publications from 1914 to 1919 is due to the diminished circulation of certain former semi-monthly papers of an iconoclastic and free lance nature, some of which are now issued monthly; to the discontinuance of weekly editions of a number of daily papers; and to the reduction in circulation, as reported, of certain other weekly, monthly, and quarterly publications.

All publications were printed in the English language.

TABLE 25.—PRINTING AND PUBLISHING: 1919, 1914, AND 1909.

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1919	1914	1909	1919	1914	1909
Total.....	247	269	264	784,463	1,059,311	789,191
Daily.....	33	29	31	178,406	120,523	93,952
Sunday.....	11	12	7	116,753	87,833	39,281
Semiweekly.....	30	28	23	65,165	79,341	55,801
Weekly.....	147	172	178	240,158	329,922	395,082
Monthly ¹	21	25	19	174,542	377,917	117,585
Quarterly ²	5	3	6	8,439	63,475	86,500

¹ Includes 4 semimonthlies in 1919, 7 in 1914, and 4 in 1909.

² Includes 1 bimonthly in 1909.

Laundries (Table 26).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 26, however, summarizes the statistics for such laundries in North Carolina for 1919 and 1914.

TABLE 26.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Per cent of increase, 1914-1919.
	1919	1914	
Number of establishments.....	56	59	
Persons engaged.....	1,634	1,335	22.4
Proprietors and firm members.....	53	56	
Salaried employees.....	145	114	27.2
Wage earners (average number).....	1,423	1,165	23.0
Primary horsepower.....	1,354	1,359	-0.4
Capital.....	\$1,161,269	\$798,630	45.4
Salaries and wages.....	961,818	462,189	108.1
Salaries.....	206,632	100,692	105.2
Wages.....	755,186	361,497	108.9
Paid for contract work.....	950	6,792	-86.0
Rent and taxes.....	60,639	35,261	72.0
Cost of materials.....	462,040	240,947	91.8
Amount received for work done.....	2,252,100	1,026,358	119.4

¹ A minus sign (−) denotes decrease; percentages are omitted where base is less than 100.

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Dyeing and cleaning (Table 27).—Statistics for dyeing and cleaning establishments that were operated by mechanical power in 1919 are presented in this table. Statistics for such establishments are not included in the general tables nor in the totals for manufacturing industries for censuses since 1900. This presentation is the first of its kind that has been made since the census statistics were confined to manufacturing industries as distinguished from the hand trades, household industries, etc.

TABLE 27.—DYEING AND CLEANING: 1919.

	Number or amount.
Number of establishments.....	21
Persons engaged.....	197
Proprietors and firm members.....	23
Salaried employees.....	18
Wage earners (average number).....	151
Primary horsepower.....	130
Capital.....	\$86,952
Salaries and wages.....	134,695
Salaries.....	27,956
Wages.....	106,739
Paid for contract work.....	5,000
Rent and taxes.....	14,790
Cost of materials.....	76,659
Amount received for work done.....	321,586

Custom sawmills and custom gristmills (Tables 28 and 29).—A summary of the more important data of custom sawmills and custom gristmills is presented in these tables. These statistics are not included in the general tables nor in totals for manufacturing industries.

Table 30 gives the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products for all industries combined and for selected industries in the state, and for all industries combined for the cities having from 10,000 to 50,000 inhabitants for which comparative figures are available. Certain kindred in-

TABLE 28.—CUSTOM SAWMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of in- crease, ¹ 1909- 1919.
	1919	1909	
Number of establishments.....	464	191	142.9
Persons engaged.....	1,030	811	27.0
Proprietors and firm members.....	664	300	121.3
Salaried employees.....	11	5	.....
Wage earners (average number).....	355	506	-29.8
Primary horsepower.....	10,765	3,641	195.7
Capital.....	\$618,552	\$214,394	158.5
Salaries and wages.....	248,585	83,272	198.5
Salaries.....	3,505	498	603.8
Wages.....	245,080	82,774	192.1
Rent and taxes.....	5,780	1,471	292.9
Cost of materials.....	85,922	5,521	1,376.1
Amount received for work done.....	585,418	209,665	179.2

¹ A minus sign (—) denotes decrease; percentages omitted where base is less than 100.

TABLE 29.—CUSTOM GRISTMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of in- crease, ¹ 1909- 1919.
	1919	1909	
Number of establishments.....	552	861	-35.9
Persons engaged.....	733	1,547	-49.4
Proprietors and firm members.....	663	1,207	-45.1
Salaried employees.....	7	.....	.....
Wage earners (average number).....	120	333	-64.0
Primary horsepower.....	11,942	18,444	-35.3
Capital.....	\$1,416,858	\$1,535,027	-7.7
Salaries and wages.....	107,032	97,068	10.3
Salaries.....	2,623	.....	.....
Wages.....	107,032	94,445	13.3
Rent and taxes.....	19,730	10,069	65.2
Cost of materials.....	4,345,080	3,245,191	33.9
Value of products ²	5,184,382	3,933,922	31.7

¹ A minus sign (—) denotes decrease. ² Includes estimate of all grain ground.

GENERAL TABLES.

dustries are combined in some instances for comparison with 1909.

Table 31 presents, for 1919, statistics in detail for the state as a whole and for each industry that can be shown without the disclosure of individual operations, and for all industries combined in each of the 14 cities having from 10,000 to 50,000 inhabitants.

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TABLE 30.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909.

INDUSTRY AND CITY.	Cen-sus year.	Num-ber of estab-lishments	Wage-earners (aver-age num-ber).	Pri-mary horse-power.	Wages.	Cost of ma-terials.	Value of prod-ucts.	INDUSTRY AND CITY.	Cen-sus year.	Num-ber of estab-lishments	Wage-earners (aver-age num-ber).	Pri-mary horse-power.	Wages.	Cost of ma-terials.	Value of prod-ucts.
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.								THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.							
All industries.....	1919	5,999	157,659	549,878	\$126,080	\$526,900	\$943,808	Gas, illuminating and heat-ing.	1919	22	341	1,086	\$329	\$677	\$1,521
	1914	5,507	136,844	508,055	46,038	169,942	289,412		1914	20	219	705	102	252	716
	1909	4,931	121,473	378,556	34,355	121,861	216,656		1909	14	151	308	62	123	369
Bread and other bakery products.	1919	70	385	415	394	1,661	2,572	Ice, manufactured.....	1919	63	757	7,415	646	761	2,365
	1914	66	305	360	127	522	873		1914	61	519	5,229	263	342	1,126
	1909	64	189	143	80	341	539		1909	45	318	5,386	127	180	659
Brick, tile, pottery, and other clay products.	1919	105	1,345	6,514	1,048	1,009	3,227	Knit goods.....	1919	121	10,216	11,649	5,991	17,582	29,834
	1914	139	1,612	7,961	505	494	1,520		1914	74	7,757	8,879	2,045	6,410	8,893
	1909	170	1,608	7,520	412	405	1,321		1909	62	5,151	4,024	1,050	3,912	5,152
Carriages and wagons and materials.	1919	109	1,327	2,808	1,178	3,562	6,392	Leather, tanned, curried, and finished.....	1919	11	1,285	6,916	1,096	14,281	17,849
	1914	137	1,462	2,176	644	1,777	3,133		1914	17	577	2,806	355	5,545	7,182
	1909	138	1,629	2,608	603	1,894	3,283		1909	39	832	2,672	290	4,156	5,415
Cars and general shop construction and repairs by steam-railroad companies.	1919	11	4,071	3,432	5,757	7,649	13,899	Lumber and timber prod-ucts.*	1919	2,961	25,586	128,275	22,029	25,023	69,580
	1914	16	2,806	1,941	1,674	2,839	5,048		1914	2,952	34,374	140,380	12,554	16,320	39,632
	1909	12	2,563	1,458	1,296	1,561	2,934		1909	2,641	34,001	115,542	9,707	12,534	33,525
Clothing, men's.....	1919	7	392	83	228	1,454	2,198	Marble and stone work.....	1919	58	935	1,795	866	495	2,113
	1914	9	385	128	109	374	604		1914	64	704	1,721	404	246	941
	1909	6	385	128	109	374	604		1909	56	507	1,863	334	226	881
Coffins, burial cases, and undertakers' goods.	1919	11	252	424	236	774	1,632	Mattresses and spring beds, not elsewhere specified.....	1919	17	159	233	129	773	1,189
	1914	14	312	1,239	113	344	691		1914	29	174	191	56	233	376
	1909	9	226	431	71	157	352		1909	23	166	134	65	172	315
Confectionery and ice cream.	1919	66	316	1,011	245	1,146	2,035	Mineral and soda waters.....	1919	137	601	1,096	535	2,903	5,424
	1914	29	110	234	43	306	475		1914	132	470	428	197	935	1,707
	1909	26	184	5	76	214	374		1909	113	248	296	84	361	725
Cotton goods.....	1919	311	67,297	258,463	49,135	186,780	318,368	Oil and cake, cottonseed.....	1919	62	2,302	21,417	1,709	39,123	46,995
	1914	293	53,703	245,600	15,796	62,338	90,744		1914	62	1,586	15,874	536	13,114	15,269
	1909	281	47,231	164,609	12,131	48,688	72,680		1909	53	1,165	9,641	326	7,090	8,504
Dyeing and finishing textiles, exclusive of that done in textile mills.	1919	8	414	1,431	229	742	1,243	Patent and proprietary med-icines.....	1919	27	212	198	152	1,555	4,883
	1914	4	194	273	273	61	106		1914	26	74	17	27	260	512
	1909	4	330	556	86	113	307		1909	26	60	23	18	216	474
Fertilizers.....	1919	45	2,077	9,592	1,850	18,606	27,551	Peanuts, grading, roasting, cleaning, and shelling.....	1919	8	157	645	80	1,807	2,075
	1914	41	1,690	8,155	734	7,704	10,303		1914	9	186	318	31	841	1,030
	1909	34	933	3,132	303	4,183	6,316								
Flour-mill and gristmill products.	1919	374	629	17,148	563	21,046	24,258	Printing and publishing.....	1919	319	1,608	1,991	1,814	2,033	6,404
	1914	293	588	14,297	231	7,644	8,964		1914	329	1,540	1,684	877	806	3,232
	1909	249	496	11,578	180	7,287	8,501		1909	322	1,376	1,119	661	645	2,497
Foundry and machine-shop products. ¹	1919	456	3,387	5,811	3,812	5,140	12,738	Tobacco manufactures.....	1919	29	14,256	7,221	13,100	125,770	269,824
	1914	136	1,520	3,159	843	1,329	2,896		1914	33	10,467	6,070	2,984	24,310	57,861
	1909	102	1,490	2,700	718	1,245	2,771		1909	43	8,713	1,918	13,816	35,987	
Furniture.....	1919	107	7,910	13,447	6,057	14,248	29,725	All other industries.....	1919	398	8,676	39,139	7,069	29,558	46,157
	1914	109	5,801	11,837	1,826	4,335	9,335		1914	356	7,044	24,279	2,684	9,145	15,165
	1909	117	5,533	11,379	1,535	4,398	7,885		1909	359	6,578	27,698	2,002	8,844	14,800

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

ASHEVILLE.....	1919	51	1,119	2,489	1,226	4,589	7,091	NEW BERN.....	1919	62	1,586	3,407	1,446	2,316	5,702
	1914	45	951	2,575	336	2,128	3,149		1914	29	848	2,550	1,374	1,205	1,910
	1909	51	978	2,075	356	2,264	3,198								
CHARLOTTE.....	1919	111	5,161	19,585	4,062	30,996	43,096	RALEIGH.....	1919	83	1,181	3,221	1,049	3,976	6,871
	1914	107	3,799	16,990	1,477	7,482	10,962		1914	59	1,051	3,093	515	1,620	2,916
	1909	103	4,199	12,384	1,557	6,532	10,460		1909	55	1,023	2,970	384	1,276	2,376
DURHAM.....	1919	74	5,977	8,763	4,130	34,660	70,659	ROCKY MOUNT.....	1919	26	1,562	3,025	1,845	2,419	4,904
	1914	62	4,764	8,465	1,501	12,503	27,507		1914	20	1,454	2,114	780	1,703	2,743
	1909	60	3,699	5,217	1,079	9,654	23,027								
GREENSBORO.....	1919	83	1,615	2,768	1,211	4,120	7,458	WILMINGTON.....	1919	65	1,846	4,674	1,895	6,011	10,537
	1914	70	1,229	2,271	509	2,106	3,464		1914	71	1,721	5,468	837	3,185	5,026
	1909	61	952	1,545	338	1,108	2,032		1909	64	1,213	4,580	470	1,903	3,005
HIGH POINT.....	1919	81	4,076	5,346	2,829	7,793	14,869	WINSTON-SALEM.....	1919	93	12,366	11,679	12,189	9,7263	200,455
	1914	82	3,532	5,240	1,255	3,145	5,932		1914	73	9,634	8,253	2,858	16,213	37,288
									1909	66	7,636	5,920	1,839	7,656	13,240

¹ Includes "automobile repairing"; "iron and steel, cast-iron pipe"; "plumbers' supplies, not elsewhere specified"; "structural ironwork, not made in steel works or rolling mills," and "textile machinery and parts," in all years; "pumps, power, other than steam in 1919," and "hardware" in 1914 and 1909.

² Includes "boxes, wooden packing, except cigar boxes," and "lumber, planing-mill products, not including planing mills connected with sawmills," in all years; and "window and door screens" in 1919.

³ Figures represent a consolidation of Winston and Salem.

MANUFACTURES—NORTH CAROLINA.

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.		
		Proprietors and firm members.				Salaried officers, superintendents, and managers.				Clerks, etc.		Wage earners.		16 and over.		
		Total.	Male.	Female.	Average number.	Male.	Female.	Average number.	Number, 15th day of—	Total.	Male.	Female.	Male.	Female.		
									Maximum month.	Minimum month.						
1 All industries.....	5,999	175,423	6,076	5,730	4,334	1,624	157,659	De 172,512	Je 147,953	(8)	(8)	(8)	(8)	(8)	Dollars. 669,144,096	
2 Agricultural implements.....	17	269	14	17	5	3	230	De 241	Je 216	238	238	238	238	238	740,289	
3 Artificial stone products.....	15	146	17	13	7	3	106	Au 4	Mh 128	75	131	131	131	131	256,203	
4 Automobile bodies and parts.....	7	56	11	1	—	—	44	Je 49	Mh 40	42	42	42	42	42	50,132	
5 Automobile repairing.....	309	1,844	345	151	32	33	1,283	De 1,332	Ja 1,201	1,332	1,313	1,313	1,313	1,313	3,116,635	
6 Awnings, tents, and sails.....	4	8	5	—	—	—	3	Ap 4	Ja 6	0	7	4	3	3	2,128	
7 Baskets, and rattan and willow ware.....	4	43	6	—	—	—	—	Ja 4	Ja 4	38	36	38	38	38	19,135	
8 Boxes, set-up paper boxes.....	5	110	2	6	—	—	102	De 133	Ja 81	133	45	74	74	74	153,328	
9 Boxes, wooden packing, except cigar boxes.....	27	1,024	15	66	9	12	922	Jy 988	Mh 871	1,008	879	74	52	3	1,786,614	
10 Bread and other bakery products.....	70	531	75	25	22	24	355	De 403	Mh 362	408	345	52	11	11	783,796	
11 Brick, sewer pipe, and drainpipe.....	95	1,540	102	84	13	3	1,338	Au 1,799	Ja 752	1,718	1,670	48	48	48	2,431,556	
12 Brooms, from broom corn.....	10	81	8	10	—	—	63	Oe 4	Ap 58	67	63	4	4	4	146,727	
13 Butter.....	7	52	2	0	4	6	31	Jy 45	Ja 22	30	29	1	1	1	180,907	
14 Canning and preserving, fruits and vegetables.....	13	54	19	6	1	—	28	—	—	105	51	44	4	6	75,172	
15 Canned fruits.....	8	30	12	5	1	—	12	Jy 60	Ja 6	0	46	34	11	1	48,234	
16 Canned vegetables.....	5	24	7	1	—	—	16	Au 53	Ja 6	0	59	17	33	3	24,938	
17 Canning and preserving, oysters.....	6	82	5	6	3	1	67	De 144	My 97	8	144	61	83	83	55,703	
18 Carriage and wagon materials.....	8	122	4	10	2	—	106	De 116	My 97	97	121	121	121	121	177,530	
19 Carriages and wagons, including repairs.....	101	1,471	107	93	37	13	1,221	—	—	1,314	1,301	10	3	3	4,981,346	
20 Carriages and wagons.....	76	1,382	76	88	36	13	1,169	Je 1,244	Au 1,091	1,206	1,254	10	2	2	4,890,860	
21 Repair work only.....	25	89	31	5	1	—	52	Au 4	Fe 50	48	47	1	1	1	90,486	
22 Cars and general shop construction and repairs by steam-railroad companies.....	11	4,287	—	124	81	11	4,071	Ap 4,327	Au 3,788	4,162	4,085	77	—	—	7,170,529	
23 Cheese.....	15	28	17	2	—	—	7	Je 12	Fe 4	3	10	9	1	1	20,026	
24 Clothing, men's.....	7	439	3	16	21	7	392	Jy 429	Mh 345	409	69	323	5	12	698,824	
25 Coffins, burial cases, and undertakers' goods.....	11	314	5	25	27	5	252	Ap 288	De 227	227	209	18	—	—	877,852	
26 Confectionery and ice cream.....	66	455	86	25	19	9	316	—	—	381	236	139	3	3	1,121,610	
27 Confectionery.....	27	205	31	13	12	3	146	De 215	Ja 106	217	82	129	3	3	306,793	
28 Ice cream.....	39	250	55	12	7	6	170	Jy 204	Fe 137	164	154	10	10	10	814,817	
29 Cooperage.....	47	226	16	13	3	—	104	—	—	298	283	12	3	3	358,845	
30 Hogsheads and barrels.....	44	185	13	11	3	—	158	Se 186	Jy 128	260	245	12	3	3	310,182	
31 All other.....	3	41	3	2	—	—	36	Jy 43	Ap 31	38	38	—	—	—	45,663	
32 Copper, tin, and sheet-iron work.....	86	490	102	20	21	5	336	Jy 4	385	Ja 292	393	389	4	4	858,242	
33 Cordage and twine.....	5	478	—	19	9	6	444	De 518	Mh 366	514	309	157	26	22	1,566,724	
34 Cotton goods.....	311	69,602	36	1,327	565	277	67,297	De 69,426	My 65,626	72,831	41,414	27,046	2,192	2,179	268,322,954	
35 Druggists' preparations.....	4	6	5	26	3	7	1	(6)	1	(6)	1	—	1	1	4,075	
36 Dyeing and finishing textiles, exclusive of that done in textile mills.....	8	454	4	26	3	7	414	De 482	Je 381	482	281	194	3	4	1,445,362	
37 Dyestuffs and extracts—natural.....	5	351	1	11	3	1	35	Au 373	De 241	346	346	123	—	—	1,649,705	
38 Electrical machinery, apparatus, and supplies.....	7	311	5	23	10	3	270	Jy 280	Oc 254	267	144	123	—	—	378,862	
39 Fertilizers.....	45	2,509	12	139	234	47	2,077	Ap 3,487	Je 1,418	8,468	3,457	11	—	—	29,963,822	
40 Flour-mill and gristmill products.....	374	1,255	451	103	56	16	629	No 671	Je 594	671	664	2	5	5	7,408,004	
41 Food preparations, not elsewhere specified.....	5	32	4	2	4	1	21	Ja 4	De 24	15	24	12	12	12	51,703	
42 Foundry and machine-shop products.....	128	2,036	110	157	66	39	1,664	—	—	1,742	1,728	7	7	7	4,480,203	
43 Foundries.....	13	136	8	14	1	—	113	De 124	Ja 94	123	123	—	—	—	166,507	
44 Machine shops.....	99	1,474	95	118	56	33	1,172	Au 1,267	Fe 1,119	1,218	1,206	6	6	6	3,504,592	
45 Machine shop and foundry combined.....	16	426	7	25	9	6	379	De 398	Je 367	401	399	1	1	1	818,104	
46 Furniture.....	107	8,691	37	368	281	95	7,910	De 8,300	Mh 7,078	8,611	8,147	278	178	8	16,737,450	
47 Wood, other than rattan and willow ware.....	101	8,325	36	355	263	89	7,582	—	—	8,271	7,812	278	178	8	15,941,951	
48 Metal furniture, and store and office fixtures.....	6	366	1	13	18	6	328	Se 355	No 289	340	335	5	—	—	795,499	
49 Gas, illuminating and heating.....	22	417	—	34	22	20	341	Je 384	Oc 322	332	332	—	—	—	6,617,981	
50 Gloves and mittens, cloth, not including gloves made in textile mills.....	4	43	4	2	—	1	36	Ja 52	Mh 0	84	11	63	3	7	58,408	
51 Ice, manufactured.....	63	922	25	100	26	14	757	Jy 1,031	Ja 503	687	673	2	12	12	3,257,859	
52 Knit goods.....	121	10,773	48	307	127	75	10,216	De 10,903	Mh 9,669	10,947	9,987	5,662	242	1,056	29,390,939	
53 Leather, tanned, curried, and finished.....	11	1,474	6	45	25	13	1,385	Ja 451	No 1,322	1,340	1,340	—	—	—	12,301,050	
54 Looking-glass and picture frames.....	4	7	3	—	—	—	4	(6)	4	4	4	4	4	4	8,003	
55 Lumber and timber products.....	2,762	27,403	3,465	805	298	107	22,728	De 32,184	Ja 17,228	36,419	36,289	81	49	49	64,786,349	
56 Lumber, planing-mill products, not including planing mills connected with sawmills.....	168	2,684	149	223	64	21	2,197	De 2,390	Ja 2,061	2,379	2,374	1	4	4	6,736,100	
57 Marble and stone work.....	58	1,099	77	43	34	10	935	—	—	964	961	—	3	3	774,571	
58 Monuments and tombstones.....	46	312	64	21	21	9	197	Oc 231	Ja 180	226	224	2	2	2	388,059	
59 Other marble and stone work, except slate.....	12	787	13	22	13	1	738	Au 771	Ja 655	738	737	—	1	1	388,512	
60 Mattresses and spring beds, not elsewhere specified.....	17	207	21	15	9	3	159	No 167	Je 150	167	136	30	1	1	545,637	
61 Millstones.....	3	22	6	1	—	—	15	(6)	15	15	15	15	15	15	6,200	
62 Mineral and soda waters.....	137	994	150	103	64	16	661	—	—	692	663	4	24	1	2,271,775	
63 Mineral and carbonated waters.....	133	965	148	100	64	15	638	Se 694	Fe 578	672	643	4	24	1	2,184,508	
64 All other, including fruit beverages.....	4	29	2	3	—	1	23	(6)	20	20	20	20	20	20	87,267	
65 Minerals and earths, ground or otherwise treated.....	11	201	2	18	6	5	170	De 197	Ja 139	198	196	2	2	2	675,092	

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).

² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

³ No figures given for reasons stated under "Explanation of terms."

MANUFACTURES—NORTH CAROLINA.

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COMBINED AND SPECIFIED INDUSTRIES: 1919.

EXPENSES.												POWER.						
Salaries and wages.			Rent and taxes.			For materials.			Value added by manufacturer.	Primary horsepower.				Electric horse-power generated in establishments reporting.				
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹	Rent-ed. ²					

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

Dollars. 15,198,406	Dollars. 8,575,837	Dollars. 126,620,090	Dollars. 3,069,322	Dollars. 757,201	Dollars. 122,172,794	Dollars. 512,989,309	Dollars. 13,016,831	Dollars. 943,807,949	Dollars. 416,901,768	549,873	277,402	25,840	6,556	42,626	197,454	63,162	1
60,717	11,335	243,718	1,239	414	32,061	304,307	15,241	876,814	557,266	431	65	30	54	282	1	2	
24,272	18,538	88,798	19,170	630	1,447	174,516	5,961	404,456	224,039	111	30	65	56	52	3	3	
750	41,747		3,927		288	36,220	2,020	114,538	76,298	92						4	
307,808	82,830	1,702,371	16,240	128,781	35,415	1,742,369	64,252	5,002,291	3,194,670	1,748	16		710	2	1,020	5	
			2,415		630	59	10,181	96	17,008	6,731	3					6	
8,667		27,901		219		246	44,430	1,356	97,325	51,539	89					7	
		50,668		2,880		2,900	75,557	2,314	171,293	93,422	53					8	
141,580	32,037	661,127	750	228	66,570	1,967,255	16,141	3,188,720	1,203,324	3,633	2,307	10		1,346	25	9	
52,110	49,094	303,568	4,273	37,640	6,141	1,607,184	53,477	2,571,518	910,877	415						10	
185,596	11,884	1,044,585	4,000	5,614	91,894	287,129	718,495	3,211,802	2,206,268	6,543	4,871	125	150	1,337	11	11	
16,350		53,870		168	2,204	149,758	1,794	277,964	127,412	39	6					12	
14,905	11,610	22,347	1,374	556	1,944	513,618	6,482	622,288	102,188	86	9					13	
8,100	1,700	12,763	22,418	550	1,407	79,189	594	146,421	66,638	52	52					14	
7,100	1,700	6,385	22,418	550	1,357	64,286	240	119,229	54,703							15	
1,000	6,378		110	14,903	351	27,192				52	52					16	
3,600	1,800	35,301	1,900	350	262	102,992	3,064	192,167	86,111	15	15					17	
23,214	3,078	82,655	175	1,000	6,809	241,850	6,584	336,167	150,733	399	335	20				18	
240,470	74,650	1,095,570	23,090	8,681	118,315	3,272,456	41,382	5,992,423	2,078,585	2,418	1,635	348	10	425	655	19	
242,270	72,850	1,032,705	22,690	5,861	116,983	3,235,383	30,476	5,833,882	2,562,023	2,257	1,035	267	10	345	655	20	
7,200	1,800	62,865	4,280	1,332	37,073	4,906	158,511	116,562	161		81					21	
361,996	234,722	5,757,259	300	6,647	7,417,867	230,918	13,898,873	6,250,288	3,432	2,592	198					22	
270		3,778	413		430	47,643	407	60,725	12,675	1						23	
34,208	40,310	227,627	2,986	5,220	16,676	1,448,109	5,474	2,198,314	744,731	83						24	
123,985	80,977	236,064	600	822	128,971	762,510	11,304	1,631,732	857,918	424	236					25	
63,111	33,721	245,412	380	29,499	22,886	1,095,476	50,372	2,035,317	889,445	1,011	214	307				26	
28,600	17,840	89,303		12,510	5,171	355,476	6,086	636,710	275,148	79	4					27	
34,511	15,881	150,107	360	16,989	17,695	740,024	44,286	1,398,607	614,297	932	210	307				28	
23,864	3,427	160,921	1,070	75	3,308	488,571	3,011	829,532	331,950	441	300					29	
20,664	3,427	137,603	1,070	75	2,835	485,144	2,796	767,127	289,187	338	290					30	
3,200		23,318			473	23,477	215	62,405	38,763	103	100					31	
52,170	45,490	402,820	12,450	20,238	11,534	797,42	11,050	1,716,850	908,558	223		73				32	
40,273	12,630	258,477	426	60,405	1,776,43	28,658	2,386,373	581,312	2,175	1,100		1,050	25			33	
4,470,673	1,174,210	49,134,506	558,663	28,092	16,269,060	181,021,415	5,758,300	318,368,181	131,588,468	76,299	17,153	10	27,054	137,947	31,836	34	
51,557	8,560	229,208		200	28,217	680,222	81,300	1,242,579	501,057	1,431	90	825				35	
33,792	6,011	306,330		3,083	37,239	1,467,013	194,514	2,443,899	782,372	3,138	2,063	475				36	
54,870	17,800	131,004			3,469	332,228	23,077	663,207	307,002	161	6	25	104			37	
499,044	421,621	1,850,365	2,635	43,459	961,205	18,331,083	274,737	27,551,316	8,945,496	9,592	3,060	150	962	5,420	877	39	
175,657	97,893	563,406	6,480	9,113	174,320	20,765,383	280,106	24,258,213	3,212,624	17,148	3,419	1,522	5,695	6,442	85	40	
2,350	7,060	18,258	180	1,650	417	144,876	1,199	175,545	23,470	35				35		41	
330,763	143,366	1,747,067	17,944	24,801	103,618	2,415,383	111,200	6,036,077	3,509,485	3,169		300	297	1,782	113	42	
16,330	1,200	101,451		12	1,478	107,276	15,030	277,712	155,406	201	35					43	
260,063	124,538	1,183,236	17,943	22,371	68,237	1,780,858	72,163	4,381,826	2,625,705	2,363	735	251	282	1,095	98	44	
54,370	17,660	462,380	2,418	33,903	521,249	24,116	1,273,739	728,374	605	20	15	549				45	
1,023,404	528,830	6,056,727	14,240	5,921	729,064	14,023,667	221,204	29,725,300	15,477,339	13,447	10,401						46
984,123	501,158	5,771,739	14,240	5,735	723,655	13,477,126	213,186	28,500,979	14,810,667	12,064	10,021						47
39,281	27,672	284,988		156	5,409	546,541	11,108	1,224,321	666,672	483	380						48
58,938	42,085	329,365	435	1,620	52,899	178,526	498,964	1,521,490	844,000	1,086	522	223					49
5,167	600	13,433		167	158	87,883	674	126,178	37,621	34		6	180	161	45	50	
183,026	49,925	646,201	5,403	15,538	76,097	322,201	438,941	2,365,122	1,603,930	7,415	6,249	175	132	85	774	51	
801,088	264,534	5,991,164	101,330	20,926	693,593	17,202,678	379,729	29,833,568	12,251,166	11,649	4,083	221	2,915	3,680	1,317	52	
206,729	64,852	1,036,248		130,010	14,043,507	237,357	17,848,526	3,567,602	6,916	3,920	75	8	425	2,488	1,140	53	
		2,500		1,140	4,000	10,500	10,500	6,500									54
1,612,940	440,259	19,644,461	1,730,270	85,066	618,510	15,533,512	365,431	54,928,222	39,039,279	11,663	103,324	664	672	1,103	920	4,219	55
439,079	88,363	1,715,246	35,480	13,842	247,038	7,088,812	50,181	11,439,082	4,300,089	11,895	9,782	300	110	1,583	8	56	
96,114	43,644	866,028	2,129	11,335	11,503	425,535	68,130	2,112,881	1,618,216	1,795	1,163		12		620	261	57
37,206	27,019	252,580	100	7,483	4,756	300,655	14,264	922,549	607,630	514		12			502	58	
58,908	16,625	613,439	2,029	3,852	6,747	125,880	53,868	1,190,332	1,010,586	1,281	1,163				118	261	59
45,010	16,774	128,670		1,700	9,572	765,450	7,614	1,189,272	416,198	233		9			224		60
800		13,900		125	38	5,000	300	28,400	23,100	12		12					61

MANUFACTURES—NORTH CAROLINA.

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY.										WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				
		Total.	Proprietors and firm members	Salaried officers, superintendents, and managers	Clerks, etc.			Wage earners.				Total.	16 and over.		Under 16.	
					Male	Female	Average number	Number, 15th day of—					Male	Female		
								Maximum month.	Minimum month.							
															Capital.	

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

1	Mirrors, framed and unframed, not elsewhere specified.	4	151	5	3	5	1	137	Se	155	Ja	120	150	150	Dollars. 282,808
2	Oil and cake, cottonseed.....	62	2,730	4	245	141	38	2,302	Fe	2,956	Jy	1,331	2,980	2,947	14,586,456 3,011,798
3	Oil, animal and vegetable.....	5	173	—	11	7	6	149	No	278	Jy	50	213	211	2
4	Optical goods.....	6	24	5	2	2	1	14	Au ²	15	Mh	12	13	10	39,117
5	Patent and proprietary medicines.....	27	379	16	32	98	23	212	De	220	Ja	204	218	57	2,001,156
6	Paving materials.....	9	301	1	16	10	—	274	Oc	339	Fe	226	834	344	450,100
7	Peanuts, grading, roasting, cleaning, and shelling.....	8	176	3	13	1	2	157	De	248	Au	44	299	91	1,010,888
8	Pottery, earthen and stone ware.....	10	22	15	—	—	7	Au ²	10	Ja ²	5	10	10	10	10,070
9	Printing and publishing, book and job.	104	885	91	90	27	45	632	De ²	634	Ap	615	662	492	156 1,550,129
10	Job printing.....	92	852	87	82	19	33	631	(4)	1	(4)	1	1	492	156 1,523,582
11	Book publishing and printing, and publishing without printing.	5	33	4	8	8	12	1	De ²	634	Ap	615	662	492	156 24,547
12	Printing and publishing, newspapers and periodicals.....	215	1,602	165	193	186	82	976	—	—	—	—	1,016	822	106 2,664,943
13	Printing and publishing.....	48	821	36	87	146	52	500	No	527	Fe	475	518	445	32 1,428,298
14	Printing, publishing, and job printing.....	147	749	123	95	38	23	470	De ²	485	Jy	462	492	374	40 1,153,674
15	Publishing without printing.....	20	32	6	11	2	7	6	(4)	6	(4)	6	6	3	3 80,971
16	Saddlery and harness.....	30	164	32	10	8	1	113	Oc	121	Ja	103	117	116	1 347,338
17	Shipbuilding, wooden, including boat building.....	18	153	22	10	2	2	117	—	—	—	—	125	125	93,594
18	New vessels, including repair work.	10	125	14	10	2	2	97	Se	131	Ja	71	105	105	60,184
19	Small boats.....	8	28	8	—	—	—	20	(4)	20	(4)	20	20	20	33,410
20	Show cases.....	5	18	5	—	—	1	12	De	14	Mh	10	14	13	1 22,975
21	Silk goods, including throwsters.....	3	992	—	12	10	4	966	De	1,046	Je	894	1,000	365	558 1,228,967
22	Slaughtering and meat packing.....	4	64	4	9	3	3	45	Fe	61	Ja	39	43	41	296,812
23	Textile machinery and parts.....	14	366	10	28	16	7	305	De ²	318	My ²	298	318	307	7 677,157
24	Tobacco, chewing and smoking.....	11	2,902	8	43	174	104	2,573	No	3,007	Mh	2,059	2,832	1,735	1,073 28,783,501
25	Tobacco, cigars and cigarettes.....	18	13,317	14	169	1,157	294	11,583	No	12,655	Je	10,309	11,374	6,356	5,147 98,598,330
26	Turpentine and rosin.....	14	41	14	1	—	—	26	No ²	30	Ja ²	20	30	30	49,620
27	Window and door screens.....	4	15	6	—	—	—	9	Ap ²	10	Ja ²	6	9	9	6,330
28	Wood, turned and carved.....	13	105	15	7	1	—	82	My ²	86	Oc	73	97	93	4 114,563
	All other industries*.....	94	5,332	54	237	275	98	4,668	—	—	—	—	—	—	27,848,512

*All other industries embrace—	Canning and preserving, fish.....	2	Coffee, roasting and grinding.....	1	Hand stamps.....	2
Automobiles.....	Cars and general shop construction and repairs by electric-railroad companies.....	2	Cordials and flavoring syrups.....	1	House-furnishing goods, feather pillows, and cotton batting.....	4
Bags, other than paper, not including bags made in textile mills.....	Cars, electric-railroad, not including operations of railroad companies.....	3	Drug grinding.....	1	Iron and steel, cast-iron pipe.....	1
Belting, leather.....	Cars, electric-railroad, not including operations of railroad companies.....	1	Engraving, steel and copper plate, including plate printing.....	1	Jewelry.....	1
Blacking, stains, and dressings.....	Chemicals.....	1	Flavoring extracts.....	3	Jute goods.....	2
Bookbinding and blank-book making.....	Cleansing preparations.....	1	Furnishing goods, men's.....	3	Lime.....	2
Boots and shoes.....	Clothing, women's.....	2	Glass, cutting, staining, and ornamenting.....	1	Millinery and lace goods, embroidery.....	1

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

1	ASHEVILLE.....	51	1,313	39	68	50	37	1,119	Jy	1,143	Mh	1,086	1,127	956	180	10	1 5,074,066
2	CHARLOTTE.....	111	5,908	49	286	291	119	5,161	De	5,444	Ja	4,886	5,654	4,231	1,211	120	92 21,985,566
3	DURHAM.....	74	6,673	69	89	371	188	5,877	Oc	6,560	Mh	5,410	6,265	3,734	1,792	67	672 43,499,439
4	GASTONIA.....	34	3,100	21	92	24	20	2,943	De	3,130	Mh	2,734	3,130	1,858	1,066	97	109 11,690,267
5	GOLDSBORO.....	50	1,239	46	61	19	13	1,100	Ap	1,155	Ja	1,009	1,090	903	117	5	5 3,300,530
6	GREENSBORO.....	83	1,930	56	129	90	40	1,615	Se	1,724	Ja	1,494	1,740	1,025	576	50	89 6,601,569
7	HIGH POINT.....	81	4,441	42	172	100	51	4,076	De	4,364	Se	3,348	4,374	2,937	1,292	65	80 8,402,725
8	NEW BERN.....	62	1,827	41	83	78	39	1,588	Oc	1,687	Fe	1,519	1,631	1,604	12	15	5,195,434
9	RALEIGH.....	83	1,424	62	99	68	34	1,161	Oc	1,228	No	1,006	1,230	885	271	51	23 5,028,760
10	ROCKY MOUNT.....	26	1,636	20	66	31	7	1,562	Ap	1,676	Se	1,433	1,586	1,508	79	1	2,486,951
11	SALISBURY.....	31	1,144	23	49	15	7	1,050	Se	1,188	Ja	987	1,048	697	288	36	27 4,284,649
12	WILMINGTON.....	65	2,134	33	127	85	43	1,846	Ap	1,921	Au	1,870	2,064	1,736	300	6	22 5,449,285
13	WILSON.....	18	752	10	58	28	4	654	Ap	717	Au	605	715	643	87	1	4,069,085
14	WINSTON-SALEM.....	93	14,030	62	298	1,082	222	12,386	De	13,286	Ja	11,180	12,662	7,667	4,718	137	140 93,121,084

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—NORTH CAROLINA.

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COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.									POWER.						
Salaries and wages.			Rent and taxes.			For materials.			Value added by manufacture.	Primary horsepower.				Electric horse power generated in establishments reporting.	
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹	Rent-ed. ²		
525,730 29,646 3,685 176,665 44,150 43,074	220,053 20,046 1,420 162,691 11,850 5,867	1,700,370 196,430 12,255 151,936 250,304 79,609	3,852 3,500 2,497 17,181 5,482 12,000	382,588 14,294 968 779,206 4,846 29,180	38,435,172 196,565 21,260 1,592,479 134,105 1,799,584	687,761 18,755 652 2,112 46,325 7,597	46,995,107 756,566 56,829 4,833,436 3,288,845 2,074,961	7,872,174 541,246 34,917 198 1,210 645	21,417 1,250 16 198 1,210 645	12,911 1,250 119 860 175 495	119 16 5 175 175 150	8,357 1,254 25 16 193 150	150 25 3 4 193 7	45 2 3 4 5 6 7	

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Dollars. 7,500	Dollars. 8,320	Dollars. 113,275	Dollars. -----	Dollars. 908	Dollars. 2,031	Dollars. 889,701	Dollars. 11,671	Dollars. 1,577,349	Dollars. 675,977	Dollars. 350	Dollars. 200	Dollars. -----	Dollars. -----	Dollars. -----	Dollars. -----
525,730 29,646 3,685 176,665 44,150 43,074	220,053 20,046 1,420 162,691 11,850 5,867	1,700,370 196,430 12,255 151,936 250,304 79,609	3,852 3,500 2,497 17,181 5,482 12,000	382,588 14,294 968 779,206 4,846 29,180	38,435,172 196,565 21,260 1,592,479 134,105 1,799,584	687,761 18,755 652 2,112 46,325 7,597	46,995,107 756,566 56,829 4,833,436 3,288,845 2,074,961	7,872,174 541,246 34,917 198 1,210 645	21,417 1,250 16 198 1,210 645	12,911 1,250 119 860 175 495	119 16 5 175 175 150	8,357 1,254 25 16 193 7	150 25 3 4 193 7	45 2 3 4 5 6 7	
201,433 189,983 11,450	58,199 44,239 13,900	572,118 571,078 1,040	31,016 3,973 27,642	41,977 41,487 490	26,103 25,496 607	716,310 714,776 1,534	25,250 25,170 80	15,400 1,321,886 1,996,614	12,055 508 506	11 9 9	11 9 9	495 497 2	8 9 10	8 9 10 11	
402,078	239,124	1,241,817	64,591	56,373	61,270	1,221,878	69,592	4,340,731	3,049,261	1,483	55	158	1,270	-----	12
232,759 158,331	184,905 48,925	596,416 641,756	20,039 6,372	23,168 30,758	46,753 13,425	791,821 415,255	40,099 28,993	2,623,159 1,624,264	1,791,239 1,180,016	673 801	35 20	14 136	624 645	-----	13 14
10,988 14,744 23,900	5,294 6,960 5,800	3,645 94,217 96,353	37,280 4,561 6,065	2,449 7,895 2,024	1,092 4,634 1,491	14,802 501,666 146,431	500 3,856 3,291	93,308 733,427 373,723	78,006 227,905 224,001	9 185 211	8 115 35	1 25 35	1 45 141	-----	15 16 17
23,900	5,800	68,725	2,000	2,000	1,257	120,015	2,458	288,549	166,076	160	20	35	105	-----	18
-----	480	10,299	4,065	24	234	26,416	833	85,174	57,925	51	15	-----	36	-----	19
40,775 23,570 10,174 71,588 30,187 187,200 634,476 1,200	16,787 256,607 34,687 245,443 1,720,345 2,306,145 15,060 8,350	586,916 586,607 34,687 245,443 1,720,345 11,379,245 19,638 125	51,376 2,276 4,578 1,020 7,954,982 91,040,242 776 776	1,257,141 308,150 559,437 18,725,729 106,675,741 106,675,741 86,784 63,264	54,655 14,482 11,416 87,685 281,334 226,635,811 5,419	2,384,430 1,072,634 1,159,277 33,187,979 14,374,565 119,678,786 5,419	1,072,634 1,159,277 1,159,277 14,374,565 1,345 1,345 4	875 875 504 1,345 6 2 2	1,187 1,187 504 1,345 6 2 2	312 312 204 451 6 2 2	525 84 140 224 684 3,680 26	-----	21 22 23 24 25 26 27		
5,800 683,746	1,740 520,794	56,253 4,111,881	1,790 72,302	30 38,723	712 768,052	68,334 17,478,769	3,827 2,254,435	161,992 103,221,877	94,831 200,484,834	457 25,805	410 8,928 9,723,142	410 3,150 52	47 3,155 10,520	47 9,805	28 29 30

Musical instruments and materials, not specified.	1	Pumps, power, other than steam.	1	Soap.	1	Varnishes.	1
Musical instruments, organs.	1	Roofing materials, metal shingles and ceiling.	1	Steam packing.	1	Waste, cotton.	2
Paints.	1	Rubber tires, tubes, and rubber goods, not elsewhere specified.	1	Stoves and ranges.	1	Wheelbarrows.	1
Paper and wood pulp.	3	Structural ironwork, not made in steel works or rolling mills.	2	Structural ironwork, not made in steel works or rolling mills.	1	Window shades and fixtures.	2
Photographs and graphophones.	2	Sausage, not made in slaughtering and meat-packing establishments.	2	Suspenders, garters, and elastic woven goods.	1	Wood distillation.	2
Photo-engraving.	2	Scalps and balances.	1	Tools, shovels, spades, scoops, and hoes.	1	Wooden goods, not elsewhere specified.	5
Photographic materials.	1	Shirts.	1	Upholstering materials, excisor.	2	Woolen goods.	5
Pickles and sauces.	1	Signs, other than electric.	2				

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

172,374 869,925 410,632 228,479 140,864	106,662 529,207 941,779 50,185 39,101	1,228,035 4,062,057 4,129,801 1,923,006 915,494	21,651 41,658 396,827 6,000 5,336	27,025 30,394,055 26,958 6,632 23,862	109,205 1,382,135 34,375,608 6,202,819 58,803	4,458,594 602,330 283,467 363,224 2,204,944	130,818 602,330 70,659,339 363,224 74,274	7,091,211 43,095,898 12,099,513 16,583 4,142,644	2,501,799 12,099,513 35,990,264 8,763 1,863,326	2,489 1,250 1,975 11,960 4,617	1,190 7,764 3,010 1,900 2,350	190 190 1,975 1,960 2,350	3 3 1,000 9,092 6	15 150 2,778 410 35	1,284 11,478 2,778 9,092 35	225 1 2 4 5
122,392 310,438 152,546 969,722	24,881 162,355 41,622 2,102,315	821,132 2,829,362 1,554,703 12,189,248	8,526 38,895 1,150 26,274	11,894 3,632,420 5,800,796 96,823,025	256,113 7,529,774 2,16,201 75,478,580	159,332 14,863,797 100,064 439,932	118,892 14,863,797 5,702,398 200,484,834	3,237,693 7,075,730 3,388,133 103,221,877	2,768 5,346 3,407 11,679	900 8,123 2,548 7,270	300 54 4 835	80 57 40 168	1,488 2,203 2,374 3,306	40 459 9 3,809		
-----	1,013 1,013 4,059,076 12,189,248	321,115 321,115 5,800,796 96,823,025	3,850,304 3,850,304	77,807 77,807	5,889,048 5,889,048	1,760,937 1,760,937	5,689,272 5,689,272	3,033 3,033	2,221 2,035	400 200	4 20	4 20	3,733 1,995 978 3,306	40 12 13 14		

* Same number reported for one or more other months.

¹ Same number reported throughout the year.